

iii. BIBLIOGRAFIA.

- AA.VV. (1965), Articoli sulle correnti di densità, La Houille Blanche n. 1.
- AA.VV. (1991), *Environmental hydraulics*, edited by J.H.W. Lee & Y.K. Cheung, University of Hong Kong, A.A. Balkema, Rotterdam, Brookfield.
- Abraham G. (1963), *Jet diffusion in stagnant ambient fluid*, Delft Hydraulics Publication No. 29, Delft, The Netherlands.
- Abraham G., Eysink W.D. (1969), *Jets issuing into fluid with a density gradient*, IAHR, Jour. of Hydr. Res., No. 2.
- Abraham G. (1974), *Jets and plumes issuing into stratified fluid*, Delft Hydraulics Laboratory, pb. No. 141, December.
- Abraham G. (1980), *On internally generated estuarine turbulence*, Delft Hydraulics Laboratory, pb. No. 247, December.
- Abraham G., De long P., Van Kruiningen F.E. (1986), *Large-scale mixing processes in a partly mixed estuary*, Delft Hydraulics Laboratory pb. No. 371, November.
- Abramovich G.N. (1963), *The theory of turbulent jets*. English translation published by MIT press.
- Adami A., Cecconi G., *Sulla diffusione di un getto confinato tra due superfici piane parallele e scabre*, Istituto di Idraulica, Univ. di Padova.
- Adams E.E. et al. (1987), *Vertical diffusion in a stratified cooling lake*, ASCE, Jour. of Hydr. Eng., Vol. 113, No. 3, March.
- Akanbi A.A. et al. (1988), *Model for flood propagation on initially dry land*, ASCE, Jour. of Hydr. Eng., Vol. 114, No. 7, July.
- Alavian A. et al. (1992), *Density currents entering lakes and reservoirs*, ASCE, Jour. Of Hydr. Eng., Vol. 118, No. 11, November.
- Albertson M.L. et al. (1950), *Diffusion of submerged jets*, Trans. ASCE, 115:639-697.
- Andreopoulos J., Rodi W. (1984), *Experimental investigation of jets in a crossflow*, J. Fluid Mech., Vol. 138.
- Anestis I.D., Chu V.H. (1985), *Entrapment characteristics in a recirculating eddy*, XXI Congress IAHR, Melbourne, Australia, 19-23 August.
- Antonia R.A., Bilger R.W. (1974), *An experimental investigation of an axisymmetric jet in a co-flowing air stream*, J. Fluid Mech., 61.

- Antonia R.A., Bilger R.W. (1974), *The prediction of the axisymmetric turbulent jet into a co-flowing stream*, Aeronaut. Q., 26:69-80.
- Anwar H.O. et al. (1987), *Flow of surface buoyant jet in cross flow*, ASCE, Jour. of Hydr. Eng., Vol. 113, No. 7, July.
- Arita M. et al. (1986), *Classification and mixing of two-dimensional buoyant surface discharges*, IAHR, Jour. of Hydr. Res., Vol. 24, No. 5.
- Armanini A., Di silvio G. (1988), *A one-dimensional model for transport of a sediment mixture in non-equilibrium conditions*, IAHR, Jour. of Hydr. Res., Vol. 26, No. 3.
- ASCE task committee on turbulence models in hydraulic computation (1987), *Turbulence modeling of surface water flow and trasport: part I-II-III-IV-V*, ASCE, Jour. Of Hydr. Eng., Vol. 114, No. 9, October.
- Atkinson J.F. (1988), *Note on "interfacial mixing in stratified flows"*, IAHR, Jour. of Hydr. Res., Vol. 26, NO. 1.
- Atkinson J. F. et al. (1988), *Interfacial mixing driven by mean shear and oscillating grid*, ASCE Jour. of Hydr. Eng., Vol. 116, No. 3, July.
- Atkinson J.F. et al. (1988), *A diffusive limit for entrainment*, IAHR, Jour. of Hydr. Res., Vol. 26, No. 2.
- Atkinson J.F. et al. (1990), *Interfacial mixing driven by mean shear and oscillating grid*, ASCE, Jour. of Hydr. Eng., Vol. 116, No. 3, March.
- Atkinson J.F. et al. (1992), *Effect of flow diversions on contaminant transport modeling in the Niagara river*, Jour. of Great Lakes Research, August.
- Atkinson J.F. et al. (1993), *Detachment of buoyant surface jets discharged on slope*, ASCE, Jour of Hydr. Eng., Vol. 119, No. 8, August.
- Baines W. D. (1985), *Entrainment by a buoyant jet flowing along vertical walls*, IAHR, Jour. of Hydr. Res., Vol. 23, No. 3.
- Becker H.A., Hottel H.C., Williams G.C. (1967), *The nozzle-fluid concentration field of the round, turbulent, free jet*, J. Fluid Mech., Vol. 30.
- Benfratello G. (1988), *Scarichi sottomarini; aspetti idraulici: fenomeni di diffusione*, A.I.I. Sez. Campana; Convegno sul tema: Immissione di acque reflue in mare, maggio.
- Bianco G. (1993), *Condizioni idrodinamiche e mezzi per la protezione di ambienti lagunari dall'inquinamento di idrocarburi*, ANDIS '93 - Congresso Biennale - Palermo Torre Normanna, settembre 21-23.

- Biggiero V. (1974), *Diffusione a mare da scarichi profondi*, Fondazione Politecnica per il Mezzogiorno d'Italia, quaderno n. 90.
- Birch A.D, Brown D.R., Dodson M.G., Thomas J.R. (1987), *The turbulent concentration field of a methane jet*, J. Fluid Mech., Vol. 88.
- Booij R. (1986), *Coriolis generated secondary currents in channels*, ASCE, Jour of Hydr. Eng., Vol. 112, No. 8, August.
- Bouvard M. et al. (1985), *Vertical dispersion of spherical, heavy particles in turbulent open channel flow*, IAHR, Jour. of Hydr. Res., Vol. 23, No. 1.
- Bradbury L.J.S. (1965), *The structure of a self preserving turbulent plane jet*, J. Fluid Mechanics 23(1), 31-64.
- Brooke Benjamin T. (1968), *Gravity currents and related phenomena*, J. Fluid Mech., Vol. 31.
- Browand F.K., Wang Y.H. (1972), *An experiment on the growth of small disturbances at the interface between two streams of different densities and velocities*, Int. Symp. On Stratified Flows, Novosibirsk, Proc. 491-498.
- Brown G.L., Roshko A. (1971), *The effect of density difference on turbulent mixing layer*, AGARD Conference Preceedings on Turbulent Shear Flows, London, AGARD-CP 93, Session IV, 23-1 - 23-12.
- Buhler J. et al. (1992), *Source control of intrusion along horizontal boundary*, ASCE, Jour. of Hydr. Eng., Vol. 118, No. 3, March.
- Calabrese M., Di Natale M. (1992), *Indagine sperimentale sulla diffusione in mare di getti di densità profondi*, 23° Convegno di Idraulica e Costruzioni Idrauliche, Firenze, settembre.
- Calabrese M., Di Natale M. (1994), *Diffusione di un getto liquido somerso in presenza di un moto ondoso stazionario*, XXIV Conv. di Idr. e Costr. Idrauliche, Napoli, settembre 20-22.
- Cancelli C., Cenedese A., Leuzzi G. (1989), *Modelli lagrangiani per la valutazione della dispersione di inquinanti*, Ingegneria Sanitaria n.4.
- Casson L.W., Lawler D.F., Bogard D.G., *Spectral analysis of fluid flow in oscillating grid reactor*, ASCE, Jour. of Eng. Mech., Vol. 120, No. 2, February.
- Celik I., Rodi W. (1987), *Modeling suspended sediment transport in nonequilibrium situations*, ASCE, Jour. of Hydr. Eng., Vol. 114, No. 10, October.

- Cenedese A. et al. (1993), *Diffusione di inquinanti in mezzi porosi saturi: analisi della distribuzione delle componenti di velocità in un capillare*, ANDIS '93 - Congresso Biennale - Palermo - Torre Normanna, settembre 21-23.
- C.E.R.C. (1984), *Shore protection manual. Vol. I-II*, Dept. of the Army Corps of Engineers, U.S. Government Printing Office, Washington, USA.
- Chappelear J.E. (1961), *Direct numerical calculation of wave properties*, J. of Geoph. Res., February.
- Chen T.F., Davis J.R. (1964), *Disintegration of turbulent water jet*, ASCE, *Journal of hydraulics division*, vol. 90, No. HY1, January.
- Chen H.B., Schroder H., Petersen H.M., Kronborg P. (1989), *The combination of far and near field mathematical modelling of waste water discharges into receiving water bodies*, XXIII Congress IAHR, Ottawa, Canada, August 21-25.
- Cheng C. W. et al. (1992), *Merging buoyant discharges in an ambient current*, IAHR, Jour. of Hydr. Res., Vol. 30, No. 3.
- Cheong H. (1994), *Correlation statistics of sediment motions and its dispersion*, IAHR, Jour. of Hydr. Res., Vol. 31, No. 4.
- Chieh S. (1987), *Two-dimensional numerical model of thermal discharges in coastal regions*, ASCE, Jour. of Hydr. Eng., Vol. 113, No.8, August.
- Chin D.A., Roberts P.J.W. (1984), *Model of dispersion in coastal waters*, ASCE, Jour. Of Hydr. Eng., Vol. 111, No. 1, January.
- Chin D.A. (1987), *Influence of surface waves on outfall dilution*, ASCE, Jour. of Hydr. Eng., Vol. 113, No. 8, August.
- Chin D.A. (1988), *Model of buoyant-jet-surface-wave interaction*, ASCE, Journal of Waterway, Port, Coastal, and Ocean Engineering, vol. 114, No. 3, May.
- Coghe A. (1988), *Analisi del campo di moto turbolento mediante LDV*, II Simposio sull'anemometria laser Doppler nella sperimentazione idraulica, Napoli, 28-29 marzo.
- DANTEC Measurement Technology, *FlowWare. FVA*. Dantec, Danimarca.
- Chyan J.M., Hwung H.H. (1993), *On the interaction of a turbulent jet with waves*, IAHR, Jour. of Hydr. Res., Vol. 31, no. 6.
- Christodoulou G.C. (1991), *Dilution of dense effluents on a sloping bottom*, IAHR, Jour. Of Hydr. Res., Vol. 29, No. 3.

- Chu et al. (1989), *Entrainment by buoyant jet between confined walls*, ASCE Jour. of Hydr. Eng., Vol. 115, No.4, April.
- Chu V.H. et al. (1988), *Confinement and bed-friction effects in shallow turbulent mixing layers*, ASCE, Jour. of Hydr. Eng., Vol. 114, No. 10, October.
- Chu V.H. et al. (1987), *Shore attachment of buoyant effluent in strong crossflow*, ASCE Jour. of Hydr. Eng., Vol. 116, No. 2, February.
- Chu V.H., Goldberg M.B. (1974), *Buoyant forced-plumes in cross flow*, ASCE, Jour. Of Hydr. Div., Vol. 100, No. HY9, September.
- Cioffi F. et al. (1993), *Effetti prodotti dai fenomeni di dispersione nei sedimenti e dalle agitazioni turbolente sulle crisi anossiche in laguna*, ANDIS '93 - Congresso Biennale - Palermo - Torre Normanna, settembre 21-23.
- Citrini D. (1946), *Ricerca sperimentale sulla diffusione di una vena liquida effluente in un campo di liquido in quiete (prime serie di prove)*, L'Energia Elettrica, agosto.
- Citrini D. (1946), *Diffusione di una vena fluida effluente in campo di fluido in quiete (premessa ad una ricerca sperimentale)*, L'Energia Elettrica, vol. XXIII, aprile.
- Citrini D., *Nuove ricerche sulla diffusione di una vena liquida in un campo di liquido in quiete*, L'Energia Elettrica, vol. XXIV, giugno.
- Coantic M. (1987), *La physique de la turbulence*, La Houille Blanche n. 7/8.
- Cola R., *Energy dissipation of high-velocity vertical jet entering a basin*, Istituto di Idraulica, Univ. di Padova.
- Corrsin S. (1943), *Investigation of flow in an axially symmetric heated jet of air*, N.A.C.A. Wartime Report, W-94.
- Corrsin S., Kistler A. (1956), *The free-stream boundaries of turbulent flows*, NACA Report 1244.
- Crow S.C., Champagne F.H. (1971), *Orderly structure in jet turbulence*, J. Fluid Mech., Vol. 48.
- Crowe C.T., Riesebieter H. (1967), *An analytical and experimental study of jet deflection in a crossflow*, Fluid Dynamics of Rotor and Fan Supported Aircraft at Subsonic Speeds, AGARD Preprints.
- Csanady G.T. (1973), *Turbulent diffusion in the environment*, Geophysics and Astrophysics Monographs, D. Reidel Publishing Company.
- Csanady G.T. (1983), *Dispersal by randomly varying currents*, J. Fluid Mech., Vol. 132.

- Curto G., *Esperienze su un modello di diffusione di una vena verticale in un liquido più pesante - rapporto preliminare*, Pubblicazione dell'Istituto di Idr. dell'Università di Palermo n. 109.
- Curto G. (1968), *Sulla diffusione di una vena liquida verticale effluente verso l'alto nella massa ferma di un liquido più pesante (schema di efflusso di sorgenti sottomarine di acqua dolce)*, XI Convegno di Idr. e Costruz. Idrauliche, Genova, ottobre.
- Davidson M.J. et al. (1991), *The behaviour of a single, horizontally discharged, buoyant flow in a non-turbulent coflowing ambient fluid*, IAHR, Jour. of Hydr. Res., Vol. 29, No. 4.
- Davydov Leonid (1989), *The role of surface waves in the transport of pollutants*, XXIII Congress IAHR, Ottawa, Canada, august 21-25.
- De Vriend H. (1991), *Mathematical modelling and large-scale coastal behaviour (part I and II)*, IAHR, Jour. of Hydr. Res., Vol. 29, No. 6.
- De Fraja Frangipane E. (1986), *Inquinamento marino ed individuazione delle fonti per una programmazione del risanamento*, Ingegneria Ambientale, vol. 15, N. 10, ottobre.
- Dean G.R. (1965), *Stream function representation of nonlinear ocean waves*, J. of Geoph. Res., Vol. 70, No. 18.
- Dean G.R. (1970), *Relative validities of water wave theories*, J. of Waterways and Harbor Division, Proc. of the ASCE, Vol. 96, No. WW1, February.
- Dean G.R., Dalrymple R.A. (1991), *Water wave mechanics for engineers and scientists*, Advanced Series on Ocean Engineering - Vol. 2, World Scientific.
- Delvigne G.A.L. (1984), *Experiments on natural and chemical dispersion of oil in laboratory and field circumstances*, Delft Hydraulics Laboratory pb. No. 327, October.
- Delvigne G.A.L. (1986), *Model for vertical diffusion in stratified flows*, Delft Hydraulics Laboratory pb. No. 373, December.
- Delvigne G.A.L. (1985), *A model for vertical diffusion in stratified shear flows*, XXI Congress IAHR, Melbourne, Australia, 19-23 August.
- Demenet P.F. et al. (1990), *Methodes et outils utilises pour des rejets en mer*, La Houille Blanche n. 3/4.
- Di Stefano C. et al. (1993), *Problematiche inerenti lo studio dell'inquinamento costiero mediante telerilevamento*, ANDIS '93 - Congresso Biennale - Palermo - Torre Normanna, settembre 21-23.

- Di Natale M. (1989), *Influenza del moto ondoso e delle correnti sulla diluizione iniziale di acque reflue in mare scaricate in mare*, A.I.I. Sezione campana convegno sul tema: immissione di acque reflue in mare, Ischia, 10-12 maggio.
- Di Natale M. (1990), *Diluizione nella fase di risalita di un getto sottomarino in presenza di moto ondoso*, XXII Conv. Idraulica e Costr. Idrauliche, Cosenza, 4-7 ottobre.
- Di Silvio G. (1970), *Indagine sperimentale sulle condizioni di similitudine di grossi getti liquidi liberamente effluenti*, L'Energia Elettrica, n.5.
- Didden N., Maxworthy T. (1982), *The viscous spreading of plane and axisymmetric gravity currents*, J. Fluid Mech., Vol. 121.
- Ditmars J.D. et al. (1987), *Performance evaluation of surface water transport and dispersion models*, ASCE Jour. of Hydr. Eng., Vol. 113, No8, August.
- Doneker R.L., Jirka G.H. (1989), *Expert systems for mixing zone analysis of aqueous pollutant discharges*, XXIII Congress IAHR, Ottawa, Canada, August 21-25.
- Durst F., Melling A., Whitelaw J. (1981), *Principles and practice of laser-Doppler anemometry*, Academic Press.
- Dzombak D.A. et al. (1987), *Adsorption of inorganic pollutants in aquatic systems*, ASCE, Jour. of Hydr. Eng., Vol. 113, No. 4, April.
- Ervine D.A., Mckeogh E., Elsayy E.M. (1980), *Effect of turbulence intensity on the rate of air entrainment by plunging water jets*, Proc. Instn. Civ. Engrs., Part 2, June.
- Everitt K.W., Robins A.G. (1987), *The development and structure of turbulent plane jets*, J. Fluid Mech., Vol. 88.
- Fan L. et al. (1966), *Horizontal jets in stagnant fluid of other density*, ASCE, HY2, March.
- Fan L.N. (1967), *Turbulent buoyant jets into stratified or flowing ambient fluids*, Rep. KH-R-15, W. Keck Lab., California Institute of Technology.
- Fan L.N., Brooks N.H. (1969), *Numerical solutions of turbulent buoyant jet problems*, report No. KH-R-18, W.M. Keck Lab. of Hydr. and Water Resour., California Institute of Technology, Pasadena, Calif.
- Faust K.M. et al. (1984), *Experimental investigation of intrusive gravity currents entering stably stratified fluids*, IAHR, Jour. of Hydr. Res., Vol. 22, No. 5.
- Favre A. et al. (1976), *La turbulence en mécanique des fluides*, publie avec le concours du CNRS, Gauthier-Villars.
- Fernando H.J.S. et al. (1991), *Interfacial mixing caused by turbulent buoyant jets*, ASCE,

- Jour. of Hydr. Eng., Vol. 117, No. 1, January.
- Fiedler H., Head M.R. (1966), *Intermittency measurements in the turbulent boundary layer*, J. of Fluid Mech., 25.
- Fisher H.B. et al. (1979), *Mixing in inland and coastal waters*, Academic Press.
- Forstall W., Shapiro A.H. (1950), *Momentum and mass transfer in coaxial gas jets*, Trans. ASME, J. Appl. Mech.
- Forthmann E. (1936), *Turbulent jet expansion*, English translation N.A.C.A. TM-789. (Original paper in German, 1934, Ing. Archiv., 5).
- Franzetti S., Tanda M.G. (1986), *Caratteristiche idrodinamiche di getti d'acqua assialsimmetrici deviati esterni e sommersi*, XX Convegno di Idraulica e Costruzioni Idrauliche, Padova.
- Frick W.E. (1981), *A theory and user's guide for the plume model MERGE*, Tetra Tech., Inc., Corvallis, Oreg.
- Frick W.E. (1984), *Non-empirical closure of the plume equations*, Atmospheric Envir., 18(4), 653-662.
- Fujita I., Komura S. (1993), *Image analysis of aerial photographs of flood*, XXV Congress IAHR, Tokio, Japan, 30 october-3 september.
- Gaillard P., Gauthier M., Holly F. (1980), *Method of analysis of random wave experiments with reflecting coastals structures*, Coastal Engineering.
- Gaster M., Roberts J.B. (1975), *Spectral analysis of randomly sampled signals*, J. Inst. Maths Applics, 15: 195-216.
- Gence J.N. (1987), *Le modele de turbulence homogene et son utilite pour la comprehension du phenomene turbulent*, La Houille Blanche n. 7/8.
- George W.K., Alpert R.L., Tamanini F. (1977), *Turbulence measurements in an axisymmetric buoyant plume*, Intl J. Heat Mass Transfer 20, 1145-1154.
- Ger A.M. (1979), *Wave effects on submerged buoyant jets*, Proc. 18th Congress Int. Ass. Hydr. Res..
- Giger M. (1991), *Entrainment and mixing in plane turbulent jets in shallow water*, IAHR, Jour. of Hydr. Res., Vol. 29, No. 5.
- Gill M.A. (1983), *Diffusion model for degrading channels*, IAHR, Jour. of Hydr. Res., Vol. 21, No. 5.

- Gill M.A. (1983), *Diffusion model for aggrading channels*, IAHR, Jour. of Hydr. Res., Vol. 21, No. 5.
- Goda T., Suzuki T. (1976), *Estimation of incident and reflected waves in random wave experiments*, Coastal Engineering.
- Goertler H. (1942), *Berechnung von Aufgaben der freien turbulenz auf grund eines neuen naherungsansatzes*, Z.A.M.M., 22:244-254.
- Gordier R.L. (1959), *Studies on fluid jets discharging normally into moving liquid*, St. Anthoni Falls Hydraulics lab., Univ. of Minnesota, Minneapolis, Tech. pap., 28, Ser.B.
- Graw K.U. (1994), *Comparison of wave theories with velocity measurements*, Int. Symp.: Waves - Physical and Numerical Modelling, Univ. of British Columbia, Vancouver, Canada, August 21-24.
- Grouset D. et al. (1987), *La turbulence et les effets sur l'environnement des torches petrolieres de securite*, La Houille Blanche n. 7/8.
- Guymer I. et al. (1992), *Longitudinal dispersion coefficients in estuary*, ASCE, Jour. Of Hydr. Eng., Vol. 118, No. 5, May.
- Guza R.T., Thornton E.B. (1980), *Local and shoaled comparisons of sea surface elevations, pressure and velocities*, J. of Geoph. Res. Vol. 85.
- Hadano K., Takashi S., Hirano M. (1989), *An integral model of bent-over plume*, XXIII Congress IAHR, Ottawa, Canada, August 21-25.
- Hager W.H. et al. (1990), *Observation of outflowing jets*, ASCE Jour. of Hydr. Eng., Vol. 116, No. 3, March.
- Han T., Patel V.C. (1997), *Flow-visualization of three-dimensional boundary-layer separation on bodies of revolution at incidence*, IIHR report no. 205, June.
- Haque M.I. et al. (1987), *Sediment convection-diffusion and bedform lenght*, ASCE, Jour. of Hydr. Eng., Vol. 113, No. 11, November.
- Hartung F., Hausler E. (1973), *Scours, stilling basins and downstream protection under free overfall jets at dams*, Commission Internationale des Grands Barrages, Madrid.
- Hasan M.A.Z., Hussain A.K.M.F. (1982), *The self-excited axisymmetric jet*, J. Fluid Mech., Vol. 115.
- Heskestad G. (1965), *Hot-wire measurements in a plane turbulent jet*, Trans. ASME, J. Appl. Mech.

- Heslop S.E. et al. (1993), *Modelling contaminant dispersion in the river severn using a random-walk model*, IAHR, Jour. of Hydr. Res., Vol. 31, No. 3.
- Hinwood J.B., Wallis I.G. (1985), *Initial dilution for outfall parallel to current*, ASCE, Jour. of Hydr. Eng., Vol. 111, No. 5, May.
- Hinze J.O. (1959), *Turbulence*, second edition, Mc-Graw-Hill Classic Textbook Reissue Series.
- Hinze J.O., Zijnen B.G. (1949), *Transfer of heat and matter in the turbulent mixing zone of an axially symmetrical jet*, J. Appl. Sci. Res. A1:435-461.
- Hodgson J., Rajaratnam N. (1989), *Field measurements of the dilution of jets in rivers*, XXIII Congress IAHR, Ottawa, Canada, August 21-25.
- Holly F. et al. (1990), *Modelisation de la dispersion d'une pollution en riviere*, La Houille Blanche n. 3/4.
- Holmboe J. (1962), *Geofysiske publikasjoner*, 24, 67-113.
- Hondzo M. et al. (1991), *Vertical diffusion in small stratified lake: data and error analysis*, ASCE, Jour. of Hydr. Eng., Vol. 117, No. 10, October.
- Hsiao F.B., Huang J.M. (1994), *On the dynamics of flow structure development in an excited plane jet*, Transaction of ASME, Jour. of Fluids Engineering, Vol. 116, December.
- Huppert H.E. (1982), *The propagation of two-dimensional and axisymmetric viscous gravity currents over a rigid horizontal surface*, J. Fluid Mech., Vol. 121.
- Hussain A.K.M.F., Reynolds W.C. (1970), *The mechanics of an organized wave in turbulent shear flow*, J. Fluid Mech., Vol. 41.
- Hussain A.K.M.F., Zaman K.B.M.Q. (1981), *The 'preferred mode' of the axisymmetric jet*, J. Fluid Mech., Vol. 110.
- Hwung H.H., Wang S.C., Lin C. (1988), *The investigation of turbulent characteristics in the surf zone by LDV*, Proc. 10th Conf. on Ocean Eng. in Republic of China (in Chinese).
- Iamandi C., Rouse H. (1969), *Jet-induced circulation and diffusion*, ASCE, Jour. of Hydr. Div., Vol. 95, No. HY2, March.
- Imberger J., Patterson J., Hebbert B., Loh I. (1978), *Dynamics of reservoir of medium size*, ASCE, Jour. of Hydr. Div., Vol. 104, No. HY5, May.
- Isaacson M.S., Koh R.C.Y., Brooks N.H. (1983), *Plume dilution for diffusers with*

- multiport risers*, ASCE, Jour. of Hydr. Eng., Vol. 109, No. 2, February.
- Ishikawa T. et al. (1993), *Diurnal stratification and its effect on wind-induced currents and water qualities in lake kasumiagura*, IAHR, Jour. of Hydr. Res., Vol. 31, No. 3.
- Jaeggy B.C. et al. (1987), *Mesures par anemometre laser derriere des corps bi- et tridimensionnels*, La Houille Blanche n. 7/8.
- James W.P., Vergara I., Kim K. (1983), *Dilution of a dense vertical jet*, ASCE, Jour. Of Hydr. Eng., Vol. 109, No. 6, December.
- Jirka G.H., Harleman D.R.F. (1979), *Stability and mixing of a vertical plane buoyant jet in confined depth*, J. Fluid Mech., Vol. 94.
- Jirka G.H. et al. (1991), *Hydrodynamic classification of submerged single-port discharges*, ASCE, Jour. of Hydr. Eng., Vol. 117, No. 9, September.
- Jirka G.H. (1992), *In support of experimental hydraulics: three examples from environmental fluid mechanics*, IAHR, Jour. of Hydr. Res., Vol. 30, No. 3.
- Jirka Gerhard H. et al. (1991), *Hydrodynamic classification of submerged multiport-diffuser discharges*, ASCE, Jour. of Hydr. Eng., Vol. 117, No. 9, September.
- Johnson T.H. et al. (1989), *Negatively buoyant flow in diverging channel. Entrainment and dilution*, ASCE Jour. of Hydr. Eng., Vol. 115, No. 4, April.
- Johnston A.J. et al. (1993), *Round buoyant jet entering shallow water*, IAHR, Jour. Of Hydr. Res., Vol. 31, No. 1.
- Johnston A.J. et al. (1993), *Round buoyant jet entering shallow water in motion*, ASCE, Jour. of Hydr. Eng., Vol. 119, No. 12, December.
- Jones D.G., Baddour R.E. (1989), *The turbulence structure of plane vertical bouyant jets*, XXIII Congress IAHR, Ottawa, Canada, August 21-25.
- Jones D.G. (1991), *Vertical thermal-buoyant jets*, IAHR, Jour. of Hydr. Res., Vol. 29, No. 5.
- Kao T.W. (1977), *Density currents and their applications*, ASCE, Jour. of Hydr. Div., Vol. 103, No. HY5, May.
- Keffer J.F., Baines W.D., *The round turbulent jet in a cross wind*, J. Fluid Mech., 8:481-496.
- Kline S.J., Reynolds W.C., Schraub F.A., Runstadler P.W. (1967), *Structure of turbulent boundary layers*, Jour. of Fluid Mechanics, Vol. 30.
- Knudsen M. et al. (1980), *The interaction between a boundary and a horizontal buoyant jet*, IAHR, Jour. of Hydr Res., Vol. 28, No. 3.

- Knudsen M. et al. (1987), *Initial dilution of horizontal jet in crossflow*, ASCE Jour. Of Hydr. Eng., Vol. 113, No. 5, May.
- Kobashi Y. (1952), *Experimental studies on compound jets*, Proc. 2nd Japan Natl. Congr. Appl. Mech.
- Koh R.C.Y. (1983), *Wastewater field thickness and initial dilution*, ASCE, Jour. of Hydr. Eng., Vol. 109, No. 9, September.
- Kotsovinos N.E. (1975), *A study of the entrainment and turbulence in a plane buoyant jet*, PhD thesis, Report No KH-R-32, California Institute of Technology, Pasadena, California.
- Kovaszny L.S.G., Kibens V., Blackwelder R.F. (1970), *Large scale motion in the intermittent region of a turbulent boundary layer*, J. of Fluid Mech., 41.
- Labus T.L., Symons E.P. (1972), *Experimental investigation of an axisymmetric free jet with initially uniform velocity profile*, NASA TN D-6783.
- Lamberti A., Petrillo A., Ranieri M. (1988), *Sulla generazione ed il rilievo di onde casuali in canaletta*, Idrotecnica, n. 1, gennaio-febbraio.
- Landis R., Shapiro A.H. (1951), *The turbulent mixing of coaxial gas jets*, Heat transfer and Fluid Mechanics Institute, Stanford Univ. Press, Stanford, California.
- Larsen T., Burrows R. (1989), *Wave induced saline intrusion in sea outfalls*, XXIII Congress IAHR, Ottawa, Canada, August 21-25.
- Le Hir P. et al. (1990), *Modelisation du transport dissous et particulaire dans l'estuaire de morlaix. Application au devenir des bacteries enteriques*, La Houille Blanche n. 3/4.
- Lee J.H.W., Cheung V.W.L. (1986), *Inclined plane buoyant jet in stratified fluid*, ASCE, Jour. of Hydr. Eng., Vol. 112, No. 7, July.
- Lee J.H.W. et al. (1987), *Initial dilution of horizontal jet in crossflow*, ASCE, Jour. Of Hydr. Eng., Vol. 113, No. 5, May.
- Lemckert C.J. et al. (1993), *Axisymmetric intrusive gravity currents in linearly stratified fluids*, ASCE, Jour. of Hydr. Eng., Vol. 119, No.6, June.
- Leuzzi G. et al. (1993), *Dispersione di inquinanti in ambienti confinati*, ANDIS '93 Congresso Biennale - Palermo - Torre Normanna, settembre 21-23.
- Li W. et al. (1985), *On prediction of characteristics for vertical round buoyant jets in stably linear stratified environment*, IAHR, Jour. of Hydr. Res., Vol. 23, No. 2.

- Li W. (1987), *Vertical plane buoyant jets in static environment*, XXII Congress IAHR, Lausanne.
- Li W., Huai W. (1989), *On jet core and behaviour of zfe for buoyant jet in static environment*, XXIII Congress IAHR, Ottawa, Canada, August 21-25.
- Lin Jung-Tai (1971), *Three theoretical investigations of turbulent jets*, IIHR report no. 127, January.
- List E.J. et al. (1990), *Diffusion and dispersion in coastal waters*, ASCE Jour. of Hydr. Eng., Vol. 116, No. 10, October.
- Long D. et al. (1990), *LDA study of flow structure in submerged hydraulic jump*, IAHR, Jour. of Hydr. Res., Vol. 28, No. 4.
- Macagno E.O. (1969), *Flow visualization in liquids*, IIHR report no. 114, February.
- Maczynski J.F.L. (1962), *A round jet in an ambient coaxial stream*, J. Fluid. Mech., 13.
- Mandl M. (1991), *La politica comunitaria di protezione delle acque*, Ingegneria Ambientale vol. XX, n. 6, giugno.
- Marchetti R. et al. (1988), *Criteri e limiti per il controllo dell'inquinamento delle acque*, Ingegneria Ambientale, vol. 17, N. 6, giugno.
- Margason R.J. (1968), *The path of a jet directed at large angles to a subsonic stream*, N.A.S.A., TN.D.-4919, Langley Res. Cent., Hampton, Virginia.
- Marivoet J.L. et al. (1986), *Longitudinal dispersion in ship-canals*, IAHR, Jour. of Hydr. Res., Vol. 24, No. 2.
- Mckeogh E.J., Elsayy E.E. (1980), *Air retained in pool by plunging water jet*, ASCE, Journal of Hydraulics Division, vol. 106, No. HY10, October.
- McMahon H.M., Hester D.D., Palfery J.G. (1971), *Vortex shedding from a turbulent jet in a cross-wind*, J. Fluid Mech., Vol. 48.
- McNulty A.J. et al. (1984), *A new approach to predicting the dispersion of a continuous pollutant source*, IAHR, Jour. of Hydr. Res., Vol. 22, No. 1.
- Mehta A.J. et al. (1989), *Cohesive sediment transport: process description (I and II)*, ASCE Jour. of Hydr. Eng., Vol. 115, No. 8, August.
- Miller D.R., Comings E.W. (1957), *Static pressure distribution in the free turbulent jet*, J. Fluid Mech, 3:1-16.
- Morton B.R., Taylor G.I., Turner J.S. (1956), *Turbulent gravitational convection*

- maintained and instantaneous sources*, Proc. R. Soc. London, A234:1-23.
- Mouchel J.M. et al. (1990), *Un modele lagrangien de qualite. Application a l'arc a l'aval d'aix-en-provence*, La Houille Blanche n. 3/4.
- Moussa Z.M., Trischka J.W., Eskinazi S. (1977), *The near field in the mixing of a round jet with a cross-stream*, J. Fluid Mech., Vol. 80.
- Muellerhof W.P. et al. (1985), *Initial mixing characteristics of municipal ocean discharges*, Vol. 1, Procedures and applications, EPA/600/3-85/073a, November.
- Mueller A., Wiggert D.C. (1989), *Visualization of turbulent flows using laser induced photochromic reactions*, XXIII Congress IAHR, Ottawa, Canada, August 21-25.
- Nakagome H., Hirata M. (1976), *The structure of turbulent diffusion in an axisymmetric thermal plume*, Proc. 1976 ICHMT Seminar on turbulent buoyant convection, pp. 361-372, Hemisphere.
- Naudascher E. (1967), *On a general similarity analysis for turbulent jet and wake flows*, IIHR report no. 106, December.
- Nokes R. et al. (1987), *Turbulent dispersion of a steady discharge of positively or negatively buoyant particles in two dimensions*, IAHR, Jour. of Hydr. Res., Vol. 25, No. 1.
- Noutsopoulos G.C. et al. (1989), *Axial dilution in obstructed round buoyant jet*, ASCE, Jour. of Hydr. Eng., Vol. 115, No. 1, January.
- Okubo A. (1990), *Diffusion and dispersion in coastal waters*, ASCE, Jour. of Hydr. Eng., Vol. 116, No. 10, October.
- Olivotti R. (1989), *Tutela delle acque costiere adriatiche dai fenomeni di eutrofizzazione: cosa è cambiato negli ultimi venti anni. Parte I: il fenomeno dell'eutrofizzazione*, Ingegneria Ambientale, vol. 18, N. 7/8, luglio-agosto.
- Palmieri L. et al. (1993), *P.R.F.V.: Tecnologia di avanguardia per condotte sottomarine*, ANDIS '93 - Congresso Biennale - Palermo - Torre Normanna, settembre 21-23.
- Papanicolaou P.N. (1984), *Mass and momentum transport in a turbulent buoyant vertical axisymmetric jet*, PhD thesis, W.M. Keck Laboratory of Hydraulic and Water Resources, California Institute of Technology, Pasadena, California, Usa.
- Papanicolaou P.N., List E.J. (1988), *Investigation of round vertical turbulent buoyant jets*, J. Fluid Mech., Vol. 195.
- Parker G. et al. (1987), *Experiments on turbidity currents over an erodible bed*, IAHR, Jour. of Hydr. Res., Vol. 25, No. 1.

- Parr A.D., Sayre W.W. (1977), *Prototype and model studies of the diffuser-pipe system for discharging condenser cooling water at the qud-cities nuclear power station*, IIHR report no. 204, June.
- Platten J.L., Keffer J.F. (1968), *Entrainment in deflected axisymmetric jets at various angles to the stream*. Tech. Rep. 6808, Dpt. of Mech. Eng., Univ. of Toronto.
- Pedersen F.B. (1980), *Dense bottom currents in rotating ocean*, ASCE, Jour. of Hydr. Div., Vol. 106, No. HY8, August.
- Pedersen F.B. (1986), *Environmental hydraulics: stratified flows - lecture notes on coastal and estuarine studies*, Springer Verlag, Berlino, Germania.
- Pena J.M., Jain S.C. (1974), *Numerical analysis of warm, turbulent sinking jets discharged into quiescent water of low temperature*, IIHR report no. 154, February.
- Petrillo A., Ranieri M. (1985), *Azioni dinamiche di un getto circolare*, Idrotecnica, n.2, marzo-aprile.
- Petrillo A. (1985), *Analisi delle fluttuazioni di pressione sul fondo di una vasca di smorzamento di getti circolari*, Idrotecnica, n.3, maggio-giugno.
- Petrillo A. (1988), *Diffusione di getti d'acqua circolari turbolenti in aria*, L'Energia Elettrica, n.5, Vol. LXV.
- Petrillo A. (1988), *Azioni idrodinamiche generate da getti d'acqua circolari aerati sul fondo di vasche di dissipazione*, XXI Conv. di Idraulica e Costruzioni Idrauliche.
- Petrillo A. (1988), *Evoluzione delle onde di mare su bassi fondali sabbiosi con pendenza variabile*, IX Congresso Nazionale AIMETA, Bari 7-8 ottobre.
- Pezzoli A. (1993), *Analisi dell'influenza della regolazione delle bocche della laguna veneta sull'inquinamento delle acque*, ANDIS '93 - Congresso Biennale - Palermo - Torre Normanna, settembre 21-23.
- Pratte B.D., Baines W.D. (1967), *Profiles of the round turbulent jets in a cross flow*, Proc. ASCE, J. Hydr. Div., 92:53-64.
- Pulci Doria G. (1992), *Metodologie moderne di misure idrauliche e idrodinamiche*, CUEN, Napoli.
- Pulci Doria G., Tagliatela L. (1989), *Strutture coerenti nella diffusione di getti: ugelli e luci a spigolo vivo*, A.I.I. Sezione campana, Convegno sul tema: immissione di acque reflue in mare, Ischia, 10-12 maggio.
- Ragone A. (1983), *Rilievo con anemometro laser doppler delle caratteristiche cinematiche*

- delle particelle in un processo di moto ondoso*, Simposio sull'anemometria laser doppler nella sperimentazione idraulica, Roma, ottobre 17/18.
- Raithby G.D. et al. (1988), *Prediction of three-dimensional thermal discharge flows*, ASCE, Jour. of Hydr. Eng., Vol. 114, No. 7, July.
- Rajaratnam N., Rizvi S.A.H., Steffler P.M., Smy P.R. (1994), *An experimental study of very high velocity circular water jets in air*, IAHR, Jour. of Hydr. Res., Vol. 32, No. 3.
- Rajaratnam N. (1976), *Turbulent jets*, Elsevier Scientific Publishing Company.
- Rajaratnam N. et al. (1985), *Plane turbulent buoyant surface jets and jumps*, IAHR, Jour. of Hydr. Res., Vol. 23, No. 2.
- Rajaratnam N. et al. (1984), *Turbulent non-buoyant surface jets*, IAHR, Jour. of Hydr. Res., Vol. 22, No. 2.
- Roberts P.J.W. (1980), *Ocean outfall dilution: effects of currents*, ASCE, Jour. of Hydr. Eng., Vol. 106, No. HY5, May.
- Roberts J.W. (1987), *Behavior of low buoyancy jets in a linearly stratified fluid*, IAHR, Jour. of Hydr. Res., Vol. 25, No. 4.
- Roberts P.J.W. et al. (1987), *Inclined dense jets in flowing current*, ASCE, Jour. of Hydr. Eng., Vol. 113, No. 3, March.
- Roberts P.J.W. et al. (1989), *Ocean outfalls: submerged wastefield formation (part I, II and III)*, ASCE, Jour. of Hydr. Eng., Vol. 115, No. 1, January.
- Roberts P.J.W. et al. (1993), *Hydraulic model study for Boston outfall. Riser configuration (part I and II)*, ASCE, Jour. of Hydr. Eng., Vol. 119, No. 9, September.
- Rodi W. (1993), *Turbulence models and their application in hydraulics; a state-of-the-art review*, IAHR monograph, A.A. Balkema, Rotterdam.
- Rouse H., Yih C.S., Humphreys H.W. (1952), *Gravitational convection from a boundary source*, Tellus 4, 201-210.
- Roshko A. (1976), *Structure of turbulent shear flows: a new look*, A Dryden Research Lecture, AIAA Journal, Vol. 14.
- Russo Spina A. et al. (1989), *Un approccio stocastico per la descrizione di fenomeni di diffusione-dispersione connessi all'immissione di reflui in mare*, A.I.I. Sez. Campania; convegno sul tema: immissione di acque reflue in mare, 10-12 maggio.
- Salis M., Sanbiagio G. (1983), *Analisi sperimentale di un getto sommerso in acqua*

- mediante anemometria laser*, Simposio sull'anemometria laser doppler nella sperimentazione idraulica, Roma, ottobre 17/18.
- Salomons W., De groot A.J. (1977), *Pollution history of trace metals in sediments, as affected by the rhine river*, Delft Hydraulics Laboratory pb. No. 184, November.
- Samaga B.R. et al. (1985), *Concentration distribution of sediment mixtures in open-channel flow*, IAHR, Jour. of Hydr. Res., Vol. 23, No. 5.
- Sami Sedat (1969), *Space correlation in round turbulent jet*, ASCE, Jour. of Hydr. Div., Vol. 95, No. HY3, May.
- Schladow S.G. (1988), *Simulation of dynamics of double-diffusive system*, ASCE, Jour. Of Hydr. Eng., Vol. 114, No. 1, January.
- Schladow S.G. et al. (1993), *Lake destratification by bubble-plume systems: design methodology*, ASCE, Jour. of Hydr. Eng., Vol. 119, No. 3, March.
- Schoellhamer D.H. et al. (1988), *Two-dimensional lagrangian simulation of suspended sediment*, ASCE, Jour. of Hydr. Eng., Vol. 114, No. 10, October.
- Sharp J.J. (1969), *Spread of buoyant jets at the free surface*, ASCE, Jour. of Hydr. Div., Vol. 95, No. HY3, May.
- Shuto N., Ti L.H. (1974), *Wave effects on buoyant plumes*, proc. 14th Coastal Eng. Conf..
- Simon L. (1990), *Evaluation de schemas numeriques pour la modelisation de l'advection dispersion*, La Houille Blanche n. 3/4.
- Sobey R.J. et al. (1988), *Horizontal round buoyant jet in shallow water*, ASCE, Jour. Of Hydr. Eng., Vol. 114, No. 8, August.
- Soulsby R.L. et al. (1987), *A criterion for the effect of suspended sediment on near-bottom velocity profiles*, IAHR, Jour. of Hydr. Res., Vol. 25, No. 3.
- Svendsen I.A., Jonsson I.G. (1976), *Hydrodynamics of coastal regions*, Technical University of Denmark.
- Swean Jr. et al. (1989), *Turbulent surface jet in channel of limited depth*, ASCE Jour. Of Hydr. Engin., Vol. 115, No. 12, December.
- Tani I., Kobashi U. (1951), *Experimental studies on compound jets*, Proc. 1st Japan Natl. Congr. Appl. Mech.
- Taus k. (1985), *Mixing processes in lakes following the discharge of sewage water (verification of mathematical model with field data)*, XXI Congress IAHR,

Melbourne, Australia, 19-23 August.

Taylor G.I. (1958), *Flow induced by jets*, J. Aero. Sci. 25.

Tennekes H., Lumley J.L. (1972), *A first course in turbulence*, MIT Press.

Tollmien W. (1926), *Berechnung turbulenter Ausbreitungsvorgänge*, Z.A.M.M., 6:468-478
(English translation, N.A.C.A. TM 1085, 1945).

Townsend A.A. (1948), *Local isotropy in the turbulent wake of a cylinder*, Aust. Jour. Sci. Res. 1A, 161.

Townsend A.A. (1949), *The fully developed turbulent wake of a circular cylinder*, Aust. Jour. Sci. Res., 2A, 451.

Townsend A.A. (1956), *The structure of turbulent shear flow*, Cambridge University Press;
la seconda edizione è del 1976.

Van Paege J.A., Gerritsen H., De Ruijter W.P.M. (1986), *Transport and water quality modelling in the southern north sea in relation to coastal pollution research and control*, Delft Hydraulics Laboratory pb. No. 361, July.

Van Rijn L.C. et al. (1990), *Field verification of 2-d and 3-d suspended-sediment models*, ASCE Jour. of Hydr. Eng., Vol. 116, No. 10, October.

Veltri P. et al. (1993), *Modelli matematici di dispersione dei liquami in mare e indagini su campo*, Ingegneria Sanitaria-Ambientale, marzo-aprile.

Villat M.H., *Influences des nombres de Weber et de Reynolds sur la dispersion des jets liquides a grande vitesse*, La Houille Blanche.

Vincon-Leite B. et al. (1990), *Modelisation de la qualite des eaux des lacs profonds: modele thermique et biogeochimique du lac du bourget*, La Houille Blanche n. 3/4.

Vizel Y.M., Mostinskii I.L. (1965), *Deflection of a jet injected into a stream*, Fluid Dyn., Vol.8.

Vreugdenhil C.B. (1978), *The sea as a mathematical model*, Delft Hydraulics Laboratory pb. No. 201, July.

Wallace R.B. et al. (1987), *Two-dimensional buoyant jets in two-layer ambient fluid*, ASCE, Jour. of Hydr. Eng., Vol. 113, No.8, August.

Washburn L. et al. (1992), *Mixing, dispersion, and resuspension in vicinity of ocean wastewater plume*, ASCE, Jour. of Hydr. Eng., Vol. 118, No. 1, January.

West J.R. et al. (1989), *Turbulence measurements of suspended solids concentration in*

- estuaries*, ASCE, Jour. of Hydr. Eng., Vol. 115, No. 4, April.
- Wilkinson D.L., Wood I.R. (1971), *A rapidly varied flow phenomenon in a two-layer flow*, J. Fluid Mech., Vol. 47.
- Wilkinson D.L. (1991), *Model scaling laws for tunneled ocean-sewage outfalls*, ASCE, Jour. of Hydr. Eng., Vol. 117, No. 5, May.
- Wilkinson D.L. (1988), *Avoidence of seawater intrusion into ports of ocean outfalls*, ASCE, Jour. of Hydr. Eng., Vol. 114, No. 2, February.
- Winant C.D., Browand F.K. (1974), *Vortex pairing: the mechanism of turbulent mixing layer growth at moderate Reynolds number*, J. of Fluid Mech., Vol. 63.
- Winiarski L.D., Frick W.E. (1976), *Cooling tower plume model*, Report No. EPA-600/3 76-100, Environmental Protection Agency, Corvallis, Oreg.
- Winiarski L.D., Frick W.E. (1978), *Methods of improving plume models*, Presented at Conf. on Cooling Tower Environ., Univ. of Maryland, College Park, Md.
- Winterwerp J.C. (1983), *Decomposition of the mass transport in narrow estuaries*, Delft Hydraulics Laboratory pb. No. 314, November.
- Witheridge G.M. et al. (1989), *Density measurements of particle and floc suspension*, ASCE Jour. of Hydr. Eng., Vol. 115, No. 3, March.
- Wong D.R et al. (1988), *Submerged turbulent jets in stagnant linearly stratified fluids*, IAHR, Jour. of Hydr. Res., Vol. 26, No. 2.
- Wood I. R. et al. (1990), *Dispersion in an open channel with a step in cross-section*, IAHR, Jour. of Hydr. Res., Vol. 27, No. 5.
- Wood I.R., Bell R.G., Wilkinson D.L. (1993), *Ocean disposal of wastewater*, Advanced Series on Ocean Engineering, vol. 8 - World Scientific.
- Wood I.R., Simpson J.E. (1984), *Jumps in layered miscible fluids*, J. Fluid Mech., Vol. 140.
- Wright S.J. et al. (1991), *Surface dilution of round submerged buoyant jets*, IAHR, Jour. Of Hydr. Res., Vol. 29, No. 1.
- Wright S.J. (1977), *Effects of ambient crossflows and density stratification on the characteristic behavior of round turbulent buoyant jets*, W.M. Keck lab. of Hydr. And water res., Division of eng. And applied science, California Institute of Technology, Pasadena, California, report no. KH-R-36, May.
- Wright S.J., Wallace R.B. (1979), *Two-dimensional buoyant jets in stratified fluid*, ASCE,

- Jour. of Hydr. Div., Vol. 105, No. HY11, november.
- Wu J., Tsanis I.K. (1994), *Pollutant transport and residence time in a distorted scale model and a numerical model*, IAHR, Jour. of Hydr. Res., Vol. 32, No. 4.
- Wu S., Rajaratnam N. (1990), *Circular turbulent wall jets on rough boundaries*, IAHR, Jour. of Hydr. Res., Vol. 28, No. 5.
- Wyganski I., Fiedler H. (1969), *Some measurements in the self-preserving jet*, J. Fluid Mech., Vol. 38.
- Yang J. et al. (1990), *Time-line interpolation for solution of the dispersion equation*, IAHR, Jour. of Hydr. Res., Vol. 28, No. 4.
- Yannopoulos P. et al. (1990), *The plane vertical turbulent buoyant jet*, IAHR, Jour. Of Hydr. Res., Vol. 28, No. 5.
- Yoon T.H., Cha Y.K., Kim C.W. (1987), *Vertical plane buoyant jets in crossflow*, XXII Congress IAHR, Lausanne.
- Yule A.J. (1978), *Large-scale structure in the mixing layer of a round jet*, J. Fluid Mech., Vol. 89.
- Zijnen B.G., Van der Hegge (1958 a), *Measurements of the velocity distribution in a plane turbulent jet of air*, Appl. Sci. A, 7:256-276.
- Zijnen B.G., Van der Hegge (1958 b), *Measurements at turbulence in a plane jet of air by the diffusion method by the hot wire method*, Appl. Sci. Res. A, 7:293-313.