Taro YOSHIZAWA
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Taro Yoshizawa, professor emeritus of Tôhoku University and one of the former editors of this journal, passed away in Kyoto on October 7, 1996.

Professor Yoshizawa was born in Osaka on August 18, 1919. He graduated from Kyoto Imperial University in December 1941 receiving the degree of Bachelor of Science in Mathematics. He was appointed to assistant professor in mathematics at Kyoto University in August, 1949. Kyoto University conferred on him in August, 1958 the degree of Doctor of Science in Mathematics. He was appointed to full professor in mathematics at Nihon University in April, 1959. In August, 1965 he was appointed to professor in mathematics at Tôhoku University and continued to serve until his retirement in March, 1983. From then until March, 1996 he served as professor at Okayama University of Science. In April, 1993 he was decorated with the Third Order of the Rising Sun.

His interest in mathematics lied in the stability of differential equations. His monograph "Stability Theory by Liapunov's Second Method" (see [33] in the list of mathematical publications below) continues to serve as the bible in the field.

For two years from September, 1959 he visited the Research Institute for Advanced Studies established by Solomon Lefschetz in Baltimore, Md., USA. Since that time until as late as a few months before his death he played central roles in many international conferences and continued to be one of the world leaders in the stability theory of differential equations.

He served as member of the board of directors of the Mathematical Society of Japan as well as other important committees.

Editors of the Tôhoku Mathematical Journal

Mathematical Publications of Taro Yoshizawa

[1] (with Kyuzo Hayashi) On the uniqueness of solutions of a system of ordinary differential equations. Mem. Coll. Sci. Univ. Kyoto. Ser. A. 26 (1950), 19–29.

[2] (with Kyuzo Hayashi) New treatise of solutions of a system of ordinary differential equations and its application to the uniqueness theorems. Mem. Coll. Sci. Univ. Kyoto. Ser. A. Math. 26 (1951), 225–233.

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[4] On the evaluation of the derivatives of solutions of $y''=f(x, y, y')$. Mem. Coll. Sic. Univ. Kyoto. Ser. A. Math. 28 (1953), 27–32.

[5] Note on the boundedness of solutions of a system of differential equations. Mem. Coll. Sci. Univ. Kyoto. Ser. A. Math. 28 (1954), 293–298.
[6] On the non-linear differential equation. Mem. Coll. Sci. Univ. Kyoto. Ser. A. Math. 28 (1954), 133–141.
[7] On the convergence of solutions of the non-linear differential equation. Mem. Coll. Sci. Univ. Kyoto. Ser. A. Math. 28 (1954), 143–151.
[8] Note on the existence theorem of a periodic solution of the non-linear differential equation. Mem. Coll. Sci. Univ. Kyoto. Ser. A. Math. 28 (1954), 153–159.
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[10] Note on the solutions of a system of differential equations. Mem. Coll. Sci. Univ. Kyoto. Ser. A. Math. 29 (1955), 249–273.
[11] Note on the boundedness and the ultimate boundedness of solutions of $x' = F(t, x)$. Mem. Coll. Sci. Univ. Kyoto. Ser. A. Math. 29 (1955), 275–291.
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[23] Stability of solutions of non-linear differential equations (in Japanese). Sûgaku 13 (1961/1962), 228–236.
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Analytic Methods in the Theory of Non-linear Vibrations (Proc. Internat. Sympos. Non-linear Vibrations, Vol. I, 1961), 213–225, Izdat. Akad. Nauk Ukrain. SSR, Kiev, 1963.

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