



Fig. 1 Mathematical model of telescopic cylinders

Professor Yoshihiko Sugiyama

The right-most image above is from: Yoshihiko Sugiyama and Takamitsu Ohtomo, "Buckling load and slenderness ratio of columns having piece-wise constant cross sections", Bulletin of Osaka Prefecture University, Series A, Vol. 45, No. 2, pp 111-117, 1996

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Summary:

Yoshihiko Sugiyama graduated from Osaka Prefecture University with a major in aeronautical engineering. He received the degrees of master of engineering and doctor of engineering from Osaka Prefecture University. He was a lecturer at Department of Vehicle Engineering, Osaka Sangyo University in 1969-1970. In 1971, he moved to Tottori University as an associate professor of mechanical engineering. In 1986, he joined the Department of Aerospace Engineering, Osaka Prefecture University, as a professor of aerospace structures engineering. In 2003, he moved to Ryukoku University and retired in 2008. He was an Honorary Visitor at University College London (with Professor R. E. D. Bishop) in 1977-1978, and a Visiting Associate Professor at University of Waterloo (with Professor H. Leipholz) in 1981. At present, he is an Emeritus Professor at Osaka Prefecture University. He is a Visiting Professor at a Small Spacecraft Research Center, Osaka Prefecture University. His majors cover lightweight structures engineering, buckling of structures, dynamic stability of structures, optimum design of structures, and composite structures.

Selected Publications:

Book:

Yoshihiko Sugiyama, Mikael Langthjem and Kazuo Katayama, Dynamic Stability of Columns under Nonconservative Forces, Theory and Experiment, Springer, 2019, 236 pages

Journal Articles, etc.:

Yoshihiko Sugiyama, Tsvoshi Sekiya and Seinosuke Sumi, "Wärmespannungen einer geklemmten rechteckigen platte durch radialer erwärmung", Bulletin of Osaka Prefecture University, Series A, Engineering and Natural Sciences, Vol. 16, No. 1, pp 29-38, September 1967

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