



## Vortex-Induced Vibration

By Lambert M. Surhone

Betascript Publishers Feb 2010, 2010. Taschenbuch. Book Condition: Neu. 222x151x12 mm. Neuware - High Quality Content by WIKIPEDIA articles! Vortex-induced vibrations (VIV) are motions induced on bodies facing an external flow by periodical irregularities on this flow. The classical example is the VIV of an underwater cylinder. You can see how this happens by putting a cylinder into the water (a swimming-pool or even a bucket) and moving through the direction perpendicular to its axis. Since real fluids always present some viscosity, the flow around the cylinder will be slowed down while in contact with its surface, forming the so called boundary layer. 120 pp. Englisch.



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