

Ivan Straškraba and Applications of Mathematics

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Ivan Straškraba was the pioneer of rigorous mathematical methods in engineering applications at the Institute of Mathematics in the 1980'. Thanks to his open character and communication competences, he was able to convince the engineers from research institutions as well as from the industry that a precise formulation of their problems is the best starting point toward a solution. Ivan's method of transition from Engineering to Mathematics and back will be illustrated by an example arising in hydraulics and motivated by his cooperation with the company Hydrosystem in Olomouc.