

STUDYING IN KOBLENZ

The University of Koblenz-Landau is a young and modern university in the upswing, located in the west of Germany. The new M.Sc. program **Mathematical Modeling of Complex Systems** is just one prominent example of the innovative study programs offered. **Mathematical Modeling of Complex Systems** is taught at the Campus of Koblenz—an emerging focus point of outstanding research and excellent education.

At the campus in Koblenz, about 7.500 highly-motivated students experience the modern, open-minded environment and benefit from excellent technical equipment, short distances, and a large variety of cultural and sports activities.

This new program is set up by the **Faculty of Mathematics and Natural Sciences** and the **Faculty of Computer Science**. While the former focuses on mathematical simulation and optimization as well as materials and environment, the latter concentrates on mobile systems engineering.

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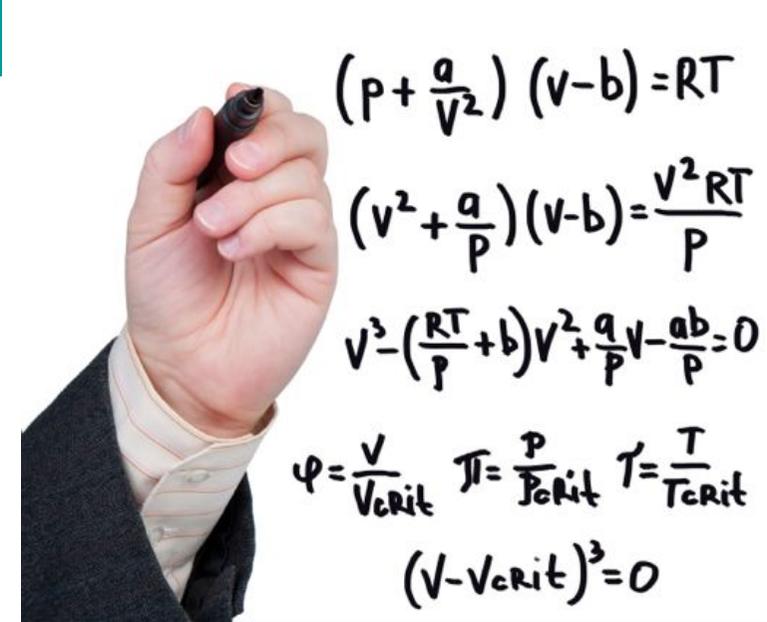
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Mathematical Modeling of Complex Systems

Master of Science

$$\mathcal{H}(q, p) = \frac{p^2}{2} - \cos q$$
$$\frac{d}{dt} \begin{pmatrix} q \\ p \end{pmatrix} = \nabla^\perp \mathcal{H}$$
$$u'' + \sin u = 0$$

