

メトリックグラフ上のいくつかの特異極限問題の 解の存在と形状について

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Abstract: In this talk, we present recent studies on the effect of metric graphs on the location of peaks of stationary solutions for some singular perturbed variational problem and for Schnakenberg model, one of the pattern formation model which describe autocatalytic phenomena in chemical reaction.

The first part of this talk is based on a joint work with Masakata Shibata (名城大), the second part is based on a joint work with Yuta Ishii (茨城高専).

References

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