

New regularity criterion for suitable weak solutions of the surface growth model

Jongkeun Choi¹ and Minsuk Yang²

1) *Department of Mathematics Education, Pusan National University, Busan 46241, Korea*

2) *Department of Mathematics, Yonsei University, 50 Yonseiro, Seodaemungu, Seoul 03722, Korea*

Corresponding Author : Minsuk Yang, m.yang@yonsei.ac.kr

ABSTRACT

We present a new regularity criterion for suitable weak solutions of the one-dimensional surface growth initial-value problem in terms of mixed Lebesgue norms.

REFERENCES

1. Choi, J. and Yang, M., “New regularity criterion for suitable weak solutions of the surface growth model”, *Applied Mathematics Letters*, Vol. 112, 2021, 106720.