

Effective slip lengths for Stokes flow over rough, mixed-slip surfaces

PhD Defense Presentation

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So it begins...

If

$$f_n \rightarrow f_0 \quad (1)$$

$$g_n \rightarrow g_0 \quad (2)$$

then

$$f_n \cdot g_n \rightarrow f_0 \cdot g_0 \quad (3)$$

But if

$$f_n \rightarrow f_0 \quad (4)$$

$$h_n \rightarrow h_0 \quad (5)$$

then

$$f_n \cdot h_n \rightarrow \text{unknown} \quad (6)$$