



سمینار هفتگی گروه ماده چگال نرم

Droplet coding in Microfluidic Networks

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A train of droplets (bubbles) in a flat rate is arrived to a microfluidic network. With respect to the geometry of the network and time interval between the input signals we may have different output patterns. In an "event based" simulation we have studied the characteristics of output signal and observed that it arrives to chaotic phase for some model parameters. The reversibility of the system has been studied too.

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قطب ماده چگال و سیستمهای پیچیده