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Hysterons and pathways in mechanical metamaterials

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PUBLICATIONS

Jiangnan Ding and Martin van Hecke, Sequential snapping and pathways in a mechanical metamaterial. *The Journal of Chemical Physics*, 2022, 156(20): 204902.

Jiangnan Ding, Marijn van der Horst and Martin van Hecke, Pathways and emergent hysteresis in programmable mechanical metamaterials, In preparation.

CURRICULUM VITAE

I was born in 1991 in Luoyang, a city on the central plain of China. It was in this beautiful province that I grew up and received my early education, including primary, middle, and high schools.

In 2011, I went to Zhengzhou, China for my undergraduate studies at Zhongyuan University of Technology where I was trained for the first time as a physicist. After that, I went to Beijing, China, and started my master's study in 2015 at University of Chinese Academy of Sciences under the supervision of Dr. Prof. Fengzhen Liu and Dr. Yurong Zhou.

In 2018, I moved to Leiden, the Netherlands, to start my Ph.D. work under the supervision of Dr. Prof. Martin van Hecke. I mainly worked at Leiden University, Leiden, and occasionally at AMOLF, Amsterdam. There, I experimentally and numerically studied the hysteron in mechanical metamaterials.

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