

Elastic Carbon Nanotube Straight Yarns Embedded with Helical Loops

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Supplementary Information (Figure S1)

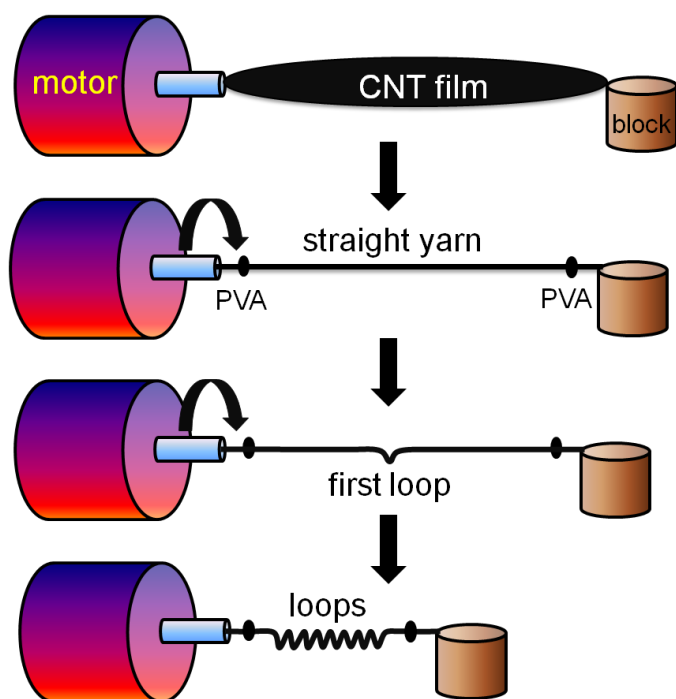


Figure S1. Illustration of the spinning process for fabrication of partial-helical yarns, which involves 1) spinning a CNT film into straight yarn, 2) nucleation of the first loop in the middle of the yarn at the position defined by two PVA droplets applied to the yarn, and 3) formation of a helical segment consisting of controlled number of loops by continued over-twisting process.