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## Nucleated polymerisation in the presence of pre-formed seed filaments

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We revisit the classical problem of nucleated polymerisation and derive a range of exact results describing polymerisation in systems intermediate between the well-known limiting cases of a reaction starting from purely soluble material and for a reaction where no new growth nuclei are formed.

Subjects: **Biological Physics (physics.bio-ph)**; Soft Condensed Matter (cond-mat.soft); Biomolecules (q-bio.BM)

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