LOCALIZATION OF POLYMER CHAINS AT TWO PENETRABLE INTERFACES IN A CONSTANT MAGNETIC FIELD

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S u m m a r y

We investigate the polymer chain localization in the system of two penetrable interfaces in an external constant magnetic field within the mean-field approximation. The saturation of a polymer chain in the limiting case of zero bulk concentration is studied. We obtain a non-monotonous behavior of the amount of adsorbed polymers as a function of the distance between the interfaces.