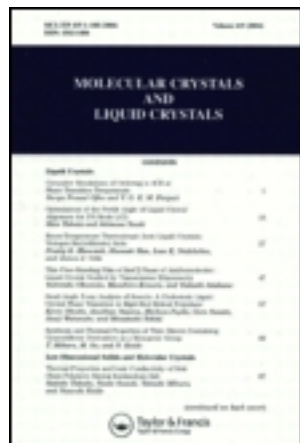




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Polymerization of Acetylene in Liquid Crystal Media

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POLYMERIZATION OF ACETYLENE IN LIQUID CRYSTAL MEDIA

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Abstract. The synthesis of polyacetylene in a new class of solvents - liquid crystals - will be reported. The effect of the solvent molecules orientation in the polymer's structure and its properties will be discussed.