

Hybrid Exciton-Polaritons in a Bad Microcavity Containing the Organic and Inorganic Quantum Wells

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Abstract: We study the hybrid exciton-polaritons in a bad microcavity containing the organic and inorganic quantum wells. The corresponding polariton states are given. The analytical solution and numerical result of the stationary spectrum for the cavity field are finished.

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Key words: quantum description of interaction of light and matter, related experiment, exciton and related phenomena

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