

## 10.6.

<b>Title</b>	<b>Optical Modes Separator (Te, Tm) Based On In<sub>0.3</sub>Ga<sub>0.7</sub>As/GaAs Heterostructures With Quantum Wells</b>
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<b>Patent no.</b>	Pending
<b>Description</b>	The study of luminescence, absorption and reflection

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spectra of  $\text{In}_{0.3}\text{Ga}_{0.7}\text{As}/\text{GaAs}$  heterostructures with quantum wells was made for determining fundamental electronic states of polariton excitons in quantum wells. The presence of electronic transitions from the excited excitonic states was determined and it was proposed a model of optical modes separator (TE, TM) based on  $\text{In}_{0.3}\text{Ga}_{0.7}\text{As}/\text{GaAs}$  heterostructures.