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Dependence of the Degree of Polarization of a Probe Signal on the Pump Wavelength in a Wavelength Division Multiplexed System

For the monitoring of a probe's degree of polarization (DOP), the probe wavelength in a pump-probe Wavelength Division Multiplexed system was fixed while the pump wavelength was varied. Results show the changes in the probe's (DOP). The minimum DOP over the spectrum for varying Pump power was also analyzed.

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