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摘要: The similariton-based spectral interferometry and pulse spectrotemporal imaging in a similariton-induced temporal lens are comparatively experimented, as two applications of similariton to ultrafast optics, particularly, for signal analysis problem on femtosecond timescale. Generation of the 50-THz bandwidth similariton provides a few-femtosecond temporal resolution for accurate and aberration-free measurements of these self-referencing methods.
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