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Localized quasielectrons in fractional quantum Hall states HANS HANSSON, MARIA HERMANNSSON, Stockholm University, SUSANNE VIEFERS, University of Oslo — We show that fractional quantum Hall states with localized quasielectrons (as opposed to quasiholes) can be obtained, within the framework of conformal field theory, as a correlator of electron operators and a novel kind of nonlocal operators. Our construction facilitates the calculation of Berry phases, and can be generalized to non-Abelian QH states.

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