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**LAURENT MARCOUX**, University of Waterloo  
*On selfadjoint extensions of semigroups of partial isometries*

Let  $\mathcal{S}$  be a semigroup of partial isometries acting on a complex, infinite-dimensional, separable Hilbert space. We shall discuss criteria which will guarantee that the selfadjoint semigroup  $\mathcal{T}$  generated by  $\mathcal{S}$  consists of partial isometries as well. Amongst other things, we show that this is the case when the set  $\mathcal{Q}(\mathcal{S})$  of final projections of elements of  $\mathcal{S}$  generates an abelian von Neumann algebra of uniform finite multiplicity.