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Mohammad Javaheri* (mjavaheri@siena.edu), 515 Loudon Road, Siena College, School of Science, Loudonville, NY 12211. *Dense 2-generator subsemigroups of 2×2 matrices.*

We present a pair of 2×2 matrices (in both real and complex cases) such that the semigroup generated by the pair is dense in the set of all 2×2 matrices. (Received August 29, 2011)