

CCSU
DEPARTMENT OF MATHEMATICAL SCIENCES

COLLOQUIUM

Friday, October 23
2:00 – 3:00 PM
Maria Sanford Hall, Room 101

SEMIGROUPS OF REAL FUNCTIONS WITH DENSE ORBITS

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Abstract

In this talk, we describe all pairs of real functions $f, g: [0,1] \rightarrow [0,1]$ of the form $f(x) = \frac{Ax+B}{Cx+D}$ and $g(x) = \frac{ax+b}{cx+d}$ so that the semigroup generated by f and g has dense orbits in $[0,1]$.

This colloquium is sponsored by the NSF – STEM Scholarship Program at CCSU; therefore all recipients of the scholarship are urged to attend.

For further information:

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