

## HYPERCYCLICITY AND WEYL TYPE THEOREMS FOR OPERATOR MATRICES

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*Abstract.* In this paper, we study the hypercyclicity and supercyclicity for operator matrices in the class  $\mathcal{S}$  consisting  $2 \times 2$  operator matrices with  $(1, 2)$ -entries having closed range. Under some conditions, we find the necessary and sufficient conditions for  $2 \times 2$  operator matrices in the class  $\mathcal{S}$  for which Weyl's theorem, Browder's theorem,  $a$ -Weyl's theorem or  $a$ -Browder's theorem hold.

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