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**Hyun Kwon\*** (hyunkwon@snu.ac.kr), **Ronald Douglas** and **Sergei Treil**. *Similarity of Operators in the Bergman Space Setting.*

We characterize the 2- hypercontractions that are similar to the backward shift operator in the Bergman space  $A^2$ . This description resembles the one given for contraction operators that are similar to the backward shift in the Hardy space  $H^2$ , where the eigenvector bundle structure of the operators is used. (Received September 22, 2011)