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**Alexey Popov** and **Adi Tcaciuc\*** (atcaciuc@ualberta.ca). *Every operator has almost-invariant subspaces.*

We show that any bounded operator  $T$  on a separable, reflexive, infinite dimensional Banach space  $X$  admits a rank one perturbation which has an invariant subspace of infinite dimension and codimension. In the non-reflexive spaces, we show that the same is true for operators which have non-eigenvalues in the boundary of their spectrum. In the Hilbert space, our methods produce perturbations that are also small in norm, improving on an old result of Brown and Pearcy. (Received December 01, 2012)