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*An extension property for Banach spaces.* Preliminary report.

A Banach space  $X$  has property (E) if every operator from  $X$  into  $c_0$  extends to an operator from  $X^{**}$  into  $c_0$ ; the space  $X$  has property (L) (property (G)) if every bounded subset  $K \subseteq X$  which is limited (Grothendieck) in  $X^{**}$  is limited (Grothendieck) in  $X$ . In all of these, we consider  $X$  as canonically embedded in  $X^{**}$ . We study these new properties in connection with other geometric properties, such as the recently defined Phillips properties, the Gelfand-Phillips and weak Gelfand-Phillips properties, and the property of being a Grothendieck space. (Received August 07, 2000)