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Suppose $A : D_{\min} \subset H \rightarrow H$ is an unbounded closed symmetric Fredholm operator of negative index $-d$ on a Hilbert space H and let $A : D_{\max} \subset H \rightarrow H$ be its adjoint. Then $D_{\min} \subset D_{\max}$ is closed in the graph norm, of finite codimension $2d$. The natural closed extensions of A_{\min} of index 0 are in one-to-one correspondence with the d -dimensional subspaces of D_{\max}/D_{\min} , and the set of subspaces corresponding to selfadjoint extensions is a submanifold \mathfrak{SA} of this Grassmannian. I'll analyze the dependence of the spectrum of selfadjoint extensions of A assuming that A_{\min} is positive. Parts of the results reflect joint work with J. Gil and T. Krainer. (Received January 27, 2008)