## 32. Critical cases of indirect Lyapunov

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I E', E', E', subspaces of iR', generated by eigenvertors which ere invoice.

Invariance 40 The dynamics can be projected over E(").

Assuming  $A_v = \emptyset$  He stobility reduces to the behaviors over

In the NL case the LTM approximates the NL behaviors Is, but there's uncertainty for Ic and Ec, because while in the theories the eigenvalues go to 00, in the non linear case they can converge to zero.

If yo (locally) conveges to xe, couse it isn't dominated by Ec behaviors, then I love locally stable behaviors

vourd xe