Dmitrig Zharkov Blatt 1 (1) V_{xy} ∈ [-1,1] See A:=(X,-X) und B:= (4; - a) und (ax 4) Ç(λ):= ≥(A+λB)² (F(λ)≥0 *) = = A2 + 2 > = AB + X2 = (1) Fax Minimum von ECN suchen wir E, (y) = 0 (N=22AB+2)5B2 (1 (N=0; 0=2∑AB+2)∑B3 $-\frac{2}{5}\frac{AB}{R^2} = \lambda_0$ t(1)=0 $\frac{1}{\Sigma} (\lambda_0) \ge 0$ $\sum A^2 + 2 \frac{(\Sigma AB)^2}{\Sigma B^2} + \frac{(\Sigma AB)^2}{(\Sigma B^2)^4} \cdot \sum B^2$ $\sum A^2 - \frac{2(\sum AB)^2}{\sum B^2} + \left(\sum AB\right)^2 \geq 0$ $ZA^2 - \frac{(ZAB)^2}{EB^2} > 0$ EAR 2 (EAR)2 (SP) (EAR)2 Simmt, Weil ZB2 =0

$$\sqrt{2}(x; -x)^2 \sqrt{\alpha^2} \overline{2}(x; -x)^2$$

$$= \frac{\alpha}{|M|} \overline{2}(x; -x)^2 = \frac{\alpha}{|\alpha|}$$