rakerb Gries $-\frac{d^2v(x)}{d^2x}-v=\sin x$ - v" - v = sin x /. v, S dx => 3 ("vdx - S uvdx = Sginx vdx" - x(2) v'(2) + v(0) v'(0) + s v'v'dx - s vydx = s sinx vdx = 5+U(2) 1 meg, migc v(0)=0 \$ v'v'dx - \$ v v dx - y(2) (5+ v(2)) = \$ sin x v dx = Su'v'dx - Suvdx - v(2) v(2) = Ssinx vdx + 5 v(2) B.(U, V) Te wighted in viereray work Dirichlete prijninger raviarance pestaci $V=W+\bar{v}$, raben: $B(w+\bar{v},v)=L(w)=>B(w,v)=L(v)-B(\bar{v},v)$