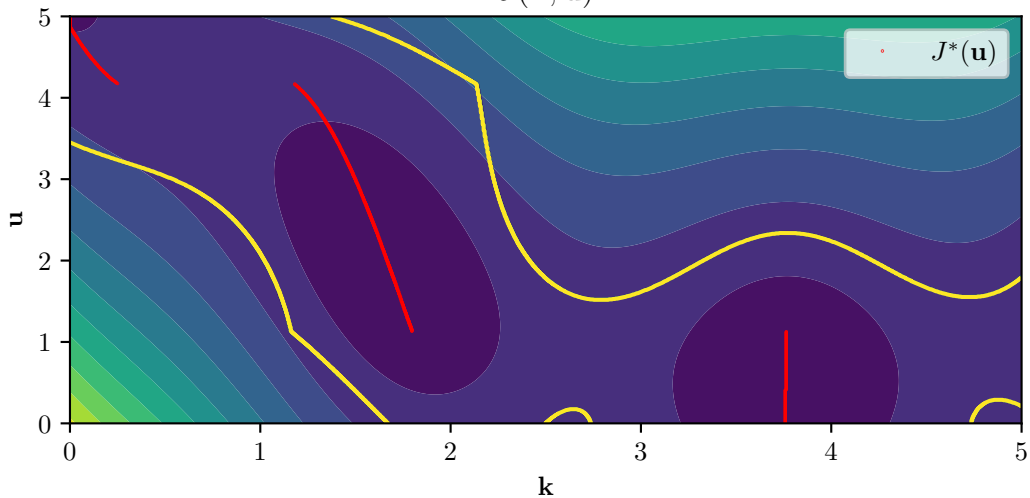


$$J(\mathbf{k}, \mathbf{u})$$



$$\Gamma_\alpha(\mathbf{k}) = \mathbb{P}_U[J(\mathbf{k}, \mathbf{U}) \leq \alpha J^*(\mathbf{U})], \quad \alpha = 1.7723$$

