PROSJEKT OPT I
Tarte 1
Let L' be a vector with Li=li being the i'th rigid
Let Li be the largest element of L,
Otherwise $C = \{\vec{p}, p\}$ . $  \vec{p},    \leq \sum_{i=1}^{n} L_{i}^{2}$
Tark 2  VTS that min $\frac{1}{2} \  F(\theta) - p \ _2$ has a rability.
$d = \frac{1}{2} \  F(\theta) - p \ _2^2 \text{ is a num of continuous functions}$ $= 3 \text{ d is continuous.}$
If $p \in C$ , then the point is reachable and the fundin obtains a man, being $O$ .
II p & c
J & 1R", but because costi) and res() are periodic, we
muy with  J∈ Sn
where $S = [0, 2\pi]$ and $0$ and $2\pi$ gives the rand value.  Since $S^n$ is compact and $d(\theta)$ is continuous, we
may apply the externe value THM, which rugs
that dist must whain a min and mak.