Lagrangian medlanice -> Find torque ad torres on See diagrams on a joint.

Of we survolute joint -> well find torque on a joint. Prismatic joint & we find free force Analyse Sobot system on Robot manipulato and find position refor (4)

Definentiate do fod nebrity reeds. The xxxx Y m.

Position and motion.

(2 Y2)

Position and motion.

(2 day

Position and motion.

(3 day

Position and motion.

(4 day

Position and motion.

(5 day

Position and motion.

(6 day

Position and motion.

(7 day

Position and motion.

(8 day

Position and motion.

(9 d Fry Two prismatic joints P, and P2

Marses of links mand m2

displacement of joints 9, and 92.

Input force of finds?

Position retry of these two joints.

Position retry of these two joints. Position related of 0 to x0 morement. The desired of the series of the  $K_{Em_1} = 1 m_1 (\hat{q_1}^2) K_{Em_2} = 1 m_2 (\hat{q_2}^2 + \hat{q_1}^2)$ Poduhal energy of the system:  $\rightarrow m_2 h$ . (rotical component)

PB m2 = m29 9/1. PRm 12 m199/1 L= KEm, +KEm2-PEm2-PEm2 = \frac{1}{2} m\_1 q\_1^2 + \frac{1}{2} m\_2 (q\_2^2 + q\_1^m - gq\_1) L=m, (1917-991) +m2 (291, +2912 + - 991) dLag, = m, q, +m 2 q, for poisonatic.

dLag, = -m, q - m2 q, for poisonatic.

dLag, = -m, q - m2 q, for St (82) - SL - F, (q),

dLag, = -m, q - m2 q, for St (82) - SL - F, (q), δ2/59/2 = m2 9/2 Shag122, 0.