$$\text{Max:} \quad \psi_T[r] \triangleq \sum_{\tau=rT}^{rT+T-1} \sum_{n=1}^{N} [\mu_n(\tau) p_n(\tau) - s_n(\mu_n(\tau))]$$
$$- \sum_{\tau=rT}^{rT+T-1} \sum_{n=1}^{N} [A_n(\tau) p_n(\tau) + b_n(A_n(\tau))] \quad (1)$$
$$\text{Subj. to:} \quad \sum_{\tau=rT}^{rT+T-1} A_n(\tau) = \sum_{\tau=t_0}^{t_0+T-1} \mu_n(\tau) \; \forall n \quad (2)$$
$$\text{Specified Constraints for } (A_n(t)) \text{ and } (\mu_n(t)). \quad (3)$$