27. Zvi Artstein and Yosef Greenberg, **Exhaustion time in continuous allocation processes.** J. Mathematical Analysis Applications 78 (1980), 378-395.

Abstract. We consider a variational problem of consuming initial vector of resource $q \in R_+^n$ during a possibly unbounded period of time $[0, \infty)$ where the payoff is given by an integral. We are interested in the period during which the vector of resources is totally depleted, if an optimal plan, or nearly optimal plans, are used.

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