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The value of the stochastic solution in stochastic linear programs with fixed recourse.
(English) [Zbl 0502.90065](#)
Math. Program. 24, 314-325 (1982).

For a scan of this review see the [web version](#).

MSC:

90C15 Stochastic programming
90C05 Linear programming

Cited in **1** Review
Cited in **57** Documents

Keywords:

two-stage stochastic program; fixed recourse; expected value problem; value of the stochastic solution; expected value of perfect information

Full Text: [DOI](#)

References:

- [1] M. Avriel and A. C. Williams, "The value of information and stochastic programming", *Operations Research* 18 (1970) 947–954. · [Zbl 0205.22603](#) · [doi:10.1287/opre.18.5.947](#)
- [2] E.M.L. Beale, "On minimizing a convex function subject to linear inequalities", *Journal of the Royal Statistical Society B* 17 (1955) 173–184. · [Zbl 0068.13701](#)
- [3] G.B. Dantzig, "Linear programming under uncertainty", *Management Science* 1 (1955) 197–206. · [Zbl 0995.90589](#) · [doi:10.1287/mnsc.1.3-4.197](#)
- [4] G.B. Dantzig, "Upper bounds, secondary constraints, and block triangularity in linear programming", *Econometrica* 23 (1955) 174–183. · [Zbl 0064.39501](#) · [doi:10.2307/1907876](#)
- [5] H.S. Gunderson, J.G. Morris and H.E. Thompson, "Stochastic programming without recourse: a modification from an applications viewpoint", *Journal of the Operational Research Society* 29 (1978) 769–778. · [Zbl 0381.90083](#)
- [6] C.C. Huang, I. Vertinsky and W.T. Ziemba, "Sharp bounds on the value of perfect information", *Operations Research* 25 (1977) 128–139. · [Zbl 0381.90084](#) · [doi:10.1287/opre.25.1.128](#)
- [7] A. Madansky, "Inequalities for stochastic linear programming problems", *Management Science* 6 (1960) 197–204. · [Zbl 0995.90601](#) · [doi:10.1287/mnsc.6.2.197](#)
- [8] H. Raiffa and R. Schlaifer, *Applied statistical decision theory* (Harvard Business School, Boston, MA, 1961) pp. 88–92. · [Zbl 0952.62008](#)
- [9] D.W. Walkup and R. Wets, "Stochastic programs and recourse", *SIAM Journal of Applied Mathematics* 15 (1967) 1299–1314. · [Zbl 0203.21806](#) · [doi:10.1137/0115113](#)
- [10] R. Wets, "Stochastic programs with fixed recourse: the equivalent deterministic program", *SIAM Review* 16 (1974) 309–339. · [Zbl 0311.90056](#) · [doi:10.1137/1016053](#)

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