

Finitely generated varieties of distributive effect algebras
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Lattice effect algebras can be regarded as algebras $(A, \oplus, \neg, 0)$ of type $(2, 1, 0)$ where \oplus extends the original partial addition $+$. Distributive lattice effect algebras then form a variety, \mathcal{DE} , which among others contains the variety of MV-algebras. We axiomatize all finitely generated subvarieties of \mathcal{DE} and describe free algebras in these classes. We also characterize varieties that are generated by horizontal sums of finite MV-chains.