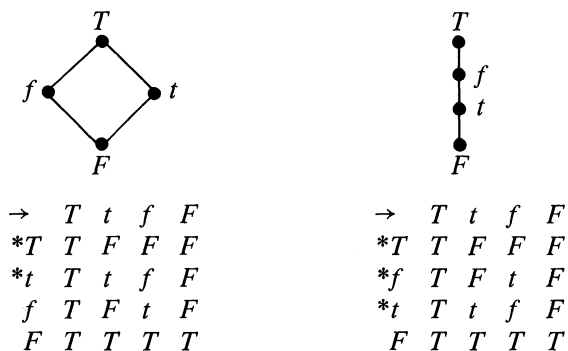


A Note on R_{\sim} Matrices

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Consider the following two DeMorgan monoids, in the sense of [1], for the system R of relevant implication, with lattice operations $\&$ and \vee defined according to the following Hasse diagrams, and \rightarrow tables defined by the following matrices (with designated elements starred).¹



Since $\sim a$ is definable in every case as $a \rightarrow f$ (and should be typographically obvious anyway), and other DeMorgan monoid operations are definable from the above (e.g., fusion (or cotenability) $a \circ b$ as $\sim(a \rightarrow \sim b)$), with t as monoid

*For discussions over the years on the topics of this paper, I am deeply indebted to J. Michael Dunn. For discussions of its immediate content, as well as the buckets full of R -matrices that he has extracted from the electronic Beast in the Basement, giving us both Raw Data to think about, I am particularly indebted to John Slaney. And to the Beast itself, which bids fair to at last make of Logic an *empirical* science—putting the *quietus* to the Kantian *a priori*ism which has lingered too long in our subject, even after it had been vanquished almost everywhere else—I am grateful for many Facts and Further Facts. Finally, for help in preparing this note for publication, I am grateful to Ian Douglas.