M. SINTZOFF

June 5, '96

Dear Tony,

Here are, at last, some comment on your note on "An algebra for games of chance". It is very pleasant. Here are a couple of remarks:

- The dualization operation "°" is a key, or a mirror. It reminds of positive vs negative polarities in logic, viz. RHS vs LHS of implications.

- The structure G is composed of
  . a real interval,
  . a complete distributive lattice,
  . two dual commutative monoïds.
Could you give an algebraic (meta) composition of these various algebraic pieces?

Herewith a copy of an e-mail to Martin Simons (Berlin), about the zoo of algebras combining composition and order. Forgive the machine-like print-out.

Regards,

Michel