Dear Tony,

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

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

- The structure $\mathcal{G}$ is composed of:
  . a real interval,
  . a complete distributive lattice,
  . two dual commutative monoids.

Could you give an algebraic (meta)composition of these various algebraic pieces?

Here is a copy of an email to Marten van Spreuwen (Barlica), about the zoo of algebras concerning composition and order. Forgive the machine-like print-out.

Regards,

Michel