

CONJECTURE 1451. For every  $\mathcal{X} \in \prod_{i \in n} \mathfrak{F}(\mathfrak{A}_i)$

$$\mathcal{X} \in \text{GR} \uparrow\uparrow f \Leftrightarrow \delta \cap \prod_{i \in n} \text{atoms } \mathcal{X}_i \neq \emptyset. \quad (28)$$

CONJECTURE 1452. Let  $R$  be a set of staroids of the form  $\lambda i \in n : \mathfrak{F}(\mathfrak{A}_i)$  where every  $\mathfrak{A}_i$  is a boolean lattice. If  $x \in \prod_{i \in n} \text{atoms}^{\mathfrak{F}(\mathfrak{A}_i)}$  then  $x \in \text{GR} \uparrow\uparrow \prod R \Leftrightarrow \forall f \in R : x \in \uparrow\uparrow f$ .

**17.18.1. Informal questions.** Do products of funcoids and reloids coincide with Tychonoff topology?

Limit and generalized limit for multiple arguments.

Is product of connected spaces connected?

Product of  $T_0$ -separable is  $T_0$ , of  $T_1$  is  $T_1$ ?

Relationships between multireloids and staroids.

Generalize the section “Specifying funcoids by functions or relations on atomic filters” from [28].

Generalize “Relationships between funcoids and reloids”.

Explicitly describe the set of complemented funcoids.