

Re: looking for a predicate hierarchy

Source: <http://coding.derkeiler.com/Archive/General/comp.object/2006-12/msg00274.html>

- *From:* "V.J. Kumar" <vjkmail@xxxxxxxxxx>
 - *Date:* Sat, 30 Dec 2006 20:09:45 +0100 (CET)
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"Dmitry A. Kazakov" <mailbox@xxxxxxxxxxxxxxxxxx> wrote in [news:lijo50am364r\\$.bfl8qj4qnh2o.dlg@xxxxxxxxxx](news:lijo50am364r$.bfl8qj4qnh2o.dlg@xxxxxxxxxx):

On Fri, 29 Dec 2006 20:40:20 +0100 (CET), V.J. Kumar wrote:

Anyway both solve the issue of "crispness." You have an interval (or other compact set) of possible values and whether the bounds were crisp plays no role.

How come ? If you use the interval simplification for higher order vagueness which questionable in itself, then such simplification is mathematically equivalent to Atanassov's idea of using two type-1 membership functions with crisp truth grades. So what's the gain ? Instead of one dubious MF now you need to substantiate two !

So how does one arrive at the estimations?