

Current Status of the Work of the IEEE 1788 Working Group

Nathalie Revol

INRIA - LIP, ENS De Lyon, France

Three years ago, a working group has been launched to standardize interval arithmetic. After defining the notations and basic operations, lively discussions have addressed the following issues: inner (or reverse) operations, representations (inf-sup only or mid-rad as well), exception handling via decorations.

I will give a brief survey of the points settled so far and on the reasons why discussions have been so hot on other ones.