Ramon E. Moore and 45 Years of Interval Analysis

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In his fundamental book (Prentice-Hall, Inc., Englewood Cliffs, N.J., 1966) Ramon E. Moore collected for the first time his and others' results on interval analysis known up to this date. Furthermore many basic ideas on where and how interval analysis can be applied were indicated. In this talk it is shown by a couple of examples, how many of today's well known facts in interval analysis can be traced back to Moore's work. Furthermore some new results are presented.