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 To: rutcor-all@rutcor.rutgers.edu
 Subject: Rutcor Seminar (Thursday, Oct. 22, 1:30pm)

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RRRR ! Rutgers Center for Operations Research
R  R !
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R  R !
R  R ! Approximations of the Lovasz Extension of Pseudo-Boolean Functions;
      ! Applications to Multicriteria Decision Making
U  U !
U  U ! (abstract below)
U  U !
U  U ! by
UUU ! Dr. Jean-Luc Marichal
      ! Department of Management, FEGSS
TTTTT ! University of Liege, Belgium
T      !
T      ! Thursday, October 22 , 1998
T      !
T      ! 1:30pm
      !
CCC ! Rutcor Room 139
C      !
C      ! Abstract
C      !
CCC ! We investigate the approximation of the Lovasz extension a
      ! pseudo-Boolean function by the Lovasz extension of a multilinear
OOO ! polynomial of (at most) a specified degree. Certain constrained
O  O ! versions of this approximation problem are also studied. Finally,
O  O ! we apply this theory to the aggregation phase of a multicriteria
O  O ! decision making problem.
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