SYMPOSIUM ON MULTIVARIATE APPROXIMATION

Schedule of lectures

Friday July 22

9.15	Opening remarks and announcements
9.30	T.J. Rivlin "Some aspects of optimal recovery"
11.15	L. Collatz "Applications of multivariate ~~analysis~~ approximation to the solution of boundary-value problems"
17.00	J.S.R. Chisholm "Multivariate approximants with branch cuts"
17.30	F.J. Delvos & W. Schempp "Serendipity-type bivariate interpolation"

Saturday July 23

9.30	G. Meinardus "The algebraic structure of linear systems occurring in numerical methods for spline interpolation"
11.15	H.S. Shapiro "Integral representation of remainder functionals in several variables"
17.00	H. Wallin "The trace of closed sets of the Zygmund class of smooth functions in R^n"
17.30	M.F. Barnsley "Rational approximant bounds for a class of two-variable Stieltjes functions"

Sunday July 24

9.30	B. Brosowski "Best approximation: history, theory and applications"
11.15	G.G. Lorentz "Problems in Birkhoff interpolation"
17.00	J.C. Mason "Near-best L_∞ and L_1 approximations to analytic functions on two-dimensional regions"
17.30	Geetha S. Rao "Interpolative widths and best interpolative subspaces"

Monday July 25

----- no lectures -----

Tuesday July 26

9.30	J.W. Jerome "L_p n-width estimation for compact Sobolev classes"
11.15	I. Singer "Simultaneous approximation, scalar and vectorial"
17.00	H.-P. Blatt "A general Remes algorithm in real or complex normed linear spaces"
17.30	E.L. Ortiz & M.da Silva "Numerical condensation of Bernstein polynomials in one and several variables"

Wednesday July 27

9.30	J. Meinguet "Structure and estimates of error coefficients in multivariate approximation"
11.15	D.D. Stancu "Approximation of functions of several variables by means of some new linear positive operators"
17.00	L.A. Karlovitz "Polya-type algorithms for computing the best multivariate approximation in the supremum norm"
17.30	G.A. Watson "On a class of methods for non-linear approximation problems"

Thursday July 28

9.30	J.G. Hayes "Some practical applications in discrete multivariate approximation"
11.15	J.R. Rice "Multivariate piecewise polynomial approximation"
17.00	J.A. Gregory "Blending function interpolation on triangles"
17.30	K.R. Butterfield "The representation and handling of smooth three-dimensional surfaces"

Friday July 29

9.30	S.W. Ellacott "A technique for approximate conformal mapping"
10.00	E.W. Cheney "Mixed-norm approximations for functions of two variables"
11.15	A.R. Forrest "Multivariate approximation problems in computational geometry"

N.B. This schedule is liable to be altered at short notice - please watch the notice-board for details!