

# AUTHOR INDEX

1984

## Volumes 10–11

Throughout this index, bold face numerals are used to denote the volume number; lightface numerals denote the page.

### RESEARCH-EXPOSITORY PAPERS

- Bedford, Eric, *Proper holomorphic mappings*, **10**, 157  
Blanchard, Paul, *Complex analytic dynamics on the Riemann sphere*, **11**, 85  
Eastwood, Michael G., *Complexification, twistor theory, and harmonic maps from Riemann surfaces*, **11**, 317  
Gelbart, Stephen, *An elementary introduction to the Langlands program*, **10**, 177  
Gray, J. J., *Fuchs and the theory of differential equations*, **10**, 1  
Gunning, R. C., *Riemann surfaces and their associated Wirtinger varieties*, **11**, 287  
Hirsch, Morris W., *The dynamical systems approach to differential equations*, **11**, 1  
Karlín, Samuel, *Mathematical models, problems, and controversies of evolutionary theory*, **10**, 221  
Kung, Joseph P. S. and Rota, Gian-Carlo, *The invariant theory of binary forms*, **10**, 27  
Rota, Gian-Carlo. *See* Kung, Joseph P. S.  
Schultz, Reinhard, *Nonlinear analogs of linear group actions on spheres*, **11**, 263  
Simon, Herbert A., *Computer modeling of scientific and mathematical discovery processes*, **11**, 247  
Stanton, Nancy K., *The heat equation in several complex variables*, **11**, 65

### RESEARCH ANNOUNCEMENTS

- Adler, Ilan, Megiddo, Nimrod and Todd, Michael J., *New results on the average behavior of simplex algorithms*, **11**, 378  
Avramov, Luchezar L., *Local rings of finite simplicial dimension*, **10**, 289  
Ball, John M. and Mizel, Victor J., *Singular minimizers for regular one-dimensional problems in the calculus of variations*, **11**, 143  
Barbasch, Dan and Vogan, David, *Reducibility of standard representations*, **11**, 383  
Beals, Richard, Greiner, Peter C. and Stanton, Nancy K., *The heat equation and geometry of CR manifolds*, **10**, 275  
Bestvina, Mladen, *Characterizing  $k$ -dimensional universal Menger compacta*, **11**, 369  
Callias, Constantine J. and Uhlmann, Gunther A., *Singular asymptotics approach to partial differential equations with isolated singularities in the coefficients*, **11**, 172  
Dahmen, Wolfgang and Micchelli, Charles A., *Some results on box splines*, **11**, 147  
Deift, P., Li, L. C., Nanda, T. and Tomei, C., *The Toda flow on a generic orbit is integrable*, **11**, 367  
Devaney, Robert L., *Julia sets and bifurcation diagrams for exponential maps*, **11**, 167  
Doplicher, Sergio and Roberts, John E., *Compact Lie groups associated with endomorphisms of  $C^*$ -algebras*, **11**, 333  
Doyle, Peter G., *Random walk on the Speiser graph of a Riemann surface*, **11**, 371  
Eisenbud, David and Harris, Joe, *Limit linear series, the irrationality of  $M_g$ , and other applications*, **10**, 277  
Flath, Daniel E., *On  $\mathfrak{so}_8$  and the tensor operators of  $\mathfrak{sl}_3$* , **10**, 97