CONTENTS

Thomas S. Critchfield and Michael Perone. Verbal self-reports of delayed matching to sample by humans ................................. 321

Lanny Fields, Barbara J. Adams, Thom Verhave, and Sandra Newman. The effects of nodality on the formation of equivalence classes ........................................ 345


Ben A. Williams and Paul Royalty. Conditioned reinforcement versus time to reinforcement in chain schedules ......................... 381

Ben A. Williams. Absence of anticipatory contrast in rats trained on multiple schedules ......................................................... 395

John T. Bailey and James E. Mazur. Choice behavior in transition: Development of preference for the higher probability of reinforcement ......................................................... 409

TECHNICAL ARTICLE

Alan Poling, Mark Nickel, and Ken Alling. Free birds aren't fat: Weight gain in captured wild pigeons maintained under laboratory conditions ........................................... 423

ANNOUNCEMENTS

JABA Contents, Spring 1990 ....................................................... 380
Special Issue on Behavioral Pharmacology ...................................... 394
# TABLE OF CONTENTS

Adams, Barbara J. See Fields, Lanny
Alling, Ken. See Poling, Alan
Bailey, John T., and Mazur, James E. Choice behavior in transition: Development of preference for the higher probability of reinforcement ........................................... 409
Barnet, Robert C. See Spetch, Marcia L.
Belke, Terry W. See Spetch, Marcia L.
Bernstein, Daniel J. See Foltin, Richard W.
Bevins, Rick A. See Palya, William L.
Blakely, Elbert. See Schlinger, Henry
Bordi, Fabio, and Matthews, T. James. Effects of d-amphetamine, diazepam, and pentobarbital on the schedule-controlled pecking and locomotor activity of pigeons ........... 87
Brady, Joseph V. See Foltin, Richard W.
Branch, Marc N. See Schaal, David W.
Capriotti, Richard M. See Foltin, Richard W.
Cherek, Don R., Spiga, Ralph, Steinberg, Joel L., and Kelly, Thomas H. Human aggressive responses maintained by avoidance or escape from point loss .................. 293
Cole, Mark R. Operant hoarding: A new paradigm for the study of self-control .... 247
Critchfield, Thomas S., and Perone, Michael. Verbal self-reports of delayed matching to sample by humans ................. 321
D'Angelo, Brian J. See Rider, David P.
Droit, S. See Pouthas, V.
Dunn, Roger. Timeout from concurrent schedules .................................. 163
See also Spetch, Marcia L.
Dunn, Roger, and Spetch, Marcia L. Choice with uncertain outcomes: Conditioned reinforcement effects ...................... 201
Fantino, Edmund. See Killeen, Peter R.
Fields, Lanny, Adams, Barbara J., Verhave, Thom, and Newman, Sandra. The effects of nodality on the formation of equivalence classes ............................................. 345
Fischman, Marian W. See Foltin, Richard W.
Fushimi, Takao. A functional analysis of another individual's behavior as discriminative stimulus for a monkey ................. 285
Green, Gina. See Sigurdardottir, Z. Gabriela
Hastjarjo, Thomas, Silberberg, Alan, and Hursh, Steven R. Quinine pellets as an inferior good and a Giffen good in rats ........ 263
Hastjarjo, Thomas, Silberberg, Alan, and Hursh, Steven R. Risky choice as a function of amount and variance in food supply ........ 155
Hineline, Philip N. The origins of environment-based psychological theory (Review) 305
Hurst, Steven R. See Hastjarjo, Thomas
Jacquet, A.-Y. See Pouthas, V.
Kaczor, Thomas. See Schlinger, Henry
Kelly, Thomas H. See Cherek, Don R.; Foltin, Richard W.
Killeen, Peter R., and Fantino, Edmund. Unification of models for choice between delayed reinforcers ....................... 189
King, George R., and Logue, A. W. Humans' sensitivity to variation in reinforcer amount: Effects of the method of reinforcer delivery ........... 33
Kralik, J. Daniel. See Mazur, James E.
Logue, A. W. See King, George R.
Manabe, Kazuchika. Determinants of pigeons' waiting time: Effects of interreinforcement interval and food delay ................ 123
Matthews, T. James. See Bordi, Fabio
Mazur, James E., and Kralik, J. Daniel. Choice between delayed reinforcers and fixed-ratio schedules requiring forceful responding .................. 175
See also Bailey, John T.
Mellon, Robert C. See Shull, Richard L.
Nellis, Margaret J. See Foltin, Richard W.
Newman, Sandra. See Fields, Lanny
Nickel, Mark. See Poling, Alan
Palya, William L., and Bevins, Rick A. Serial conditioning as a function of stimulus, response, and temporal dependencies .......... 65
Perone, Michael. See Critchfield, Thomas S.
Pierce, W. David. See Spetch, Marcia L.
Poling, Alan, Nickel, Mark, and Alling, Ken. Free birds aren't fat: Weight gain in captured wild pigeons maintained under laboratory conditions (Technical Article) .... 423
Pouthas, V., Droit, S., Jacquet, A.-Y., and...
Wearden, J. H. Temporal differentiation of response duration in children of different ages: Developmental changes in relations between verbal and nonverbal behavior

Rider, David P., and D’Angelo, Brian J. The effects of reinforcement frequency and response requirements on the maintenance of behavior

Royalty, Paul. See Williams, Ben A.

Saunders, Richard R. See Sigurdardottir, Z. Gabriela

Schaal, David W., and Branch, Marc N. Responding of pigeons under variable-interval schedules of signaled-delayed reinforcement: Effects of delay-signal duration

Schlinger, Henry, Blakely, Elbert, and Katzor, Thomas. Pausing under variable-ratio schedules: Interaction of reinforcer magnitude, variable-ratio size, and lowest ratio

Sharp, Jennifer A. See Shull, Richard L.

Shull, Richard L., Mellon, Robert C., and Sharp, Jennifer A. Delay and number of food reinforcers: Effects on choice and latencies

See also Nevin, John A.

Shurtleff, David, and Silberberg, Alan. Income maximizing on concurrent ratio-interval schedules of reinforcement

Sigurdardottir, Z. Gabriela, Green, Gina, and Saunders, Richard B. Equivalence classes generated by sequence training

Silberberg, Alan. See Hastjarjo, Thomas; Shurtleff, David

Spetch, Marcia L., Belke, Terry W., Barnet, Robert C., Dunn, Roger, and Pierce, W. David. Suboptimal choice in a percentage-reinforcement procedure: Effects of signal condition and terminal-link length

See also Dunn, Roger

Spiga, Ralph. See Cherek, Don R.

Steinberg, Joel L. See Cherek, Don R.

Torquato, Richard D. See Nevin, John A.

Tota, Mary E. See Nevin, John A.

Verhave, Thom. See Fields, Lanny

Wearden, J. H. See Pouthas, V.

Williams, Ben A. Absence of anticipatory contrast in rats trained on multiple schedules

Williams, Ben A., and Royalty, Paul. Conditioned reinforcement versus time to reinforcement in chain schedules