Short Titles of S&EC Group Problems

100  Comprehensive System of Service Routines
101 C.  Optical Properties of Thin Metal Films
106 C.  MIT Seismic Project
107 C.  Autocorrelation and Fourier Transform
108 C.  An Interpretive Program
120 D.  The Aerothermopressor
122 B.  Coulomb Wave Functions
123 C.  Earth Resistivity Interpretation
126 C.  Data Reduction
130 C.  Six-component Distillation
131.  Special Problems (staff training, etc.)
132 C.  Numerically Controlled Milling Machine
140.  Summer Session System
141.  S&EC Subroutine Study
150.  Drum Comprehensive System
151 B.  NIH
155 D.  Synoptic Climatology
156 A.  Reflection in a Semi-Infinite Rect. W.G.
159 D.  Water Use in a Hydroelectric System
162 C.  Nuclear Scattering Phase-Shifts
166 C.  Delta-wing Flutter Model Study
167 D.  Batch Distillations with Holdup
168 C.  Indicial Downwash Behind a 2D Wing
172 B.  Overlap Integrals
173.  Course 6,537, Spring 1954
174 C.  Tight Binding Calculations In Crystals
177 D.  Low Aspect Ratio Flutter
179 C. Transient Temperature of a Box-Type Beam
180 B. Crosscorrelation of Blast Furnace Data
183 D. Burst Response of Aircraft
184 D. Scattering of Electrons from Hydrogen
186 C. Human Op. Tracking Response Characteristics
188 C. Water Production in Oil Reservoirs
189 C. Gustiness in the Free Atmosphere
190 D. Zeeman and Stark Effect in Positronium
191 B. Earthquake Epicenter Location
193 C. E.V. Problem for Propagation of E.M. Waves
194 B. Augmented Plane Wave Method (Sodium)
195 B. Intestinal Motility
196. Single Address Computer
197. Three Address Computer
198. Student Problems for SAC and TAC
199 C. Compressible Flow in a Tube
200 C. A Study of Recurrent Events
201 C. Study of the Ammonia Molecule
203 C. Response of a Building Under Dynamic Loading
204 C. Exchange Integrals Between Real Slater Orbitals
205 C. Check for REAC
206 C. Interceptor Flight Control Problem
210 A. Residue-Indices and Primitive Roots
211 C. Servo Response to a Cosine Pulse
212 C. Dispersion Curves for Seismic Waves
213 D. Industrial Process Control Studies
214 A. Interval Distribution
215 B. Plant Surveys by Statistical Methods
216 C. Ultrasonic Delay Lines
217 A. Atomic Wave Function and Energies
218 C. Stage B for Diatomic Molecules
219. Linear Programming
220 A. Problem Arising from An Algebra
221. Course 6.25, 1954
222 B. Helicopter Rotor Stability
223 C. Investigation of Turbulent Flow
224 C. Vertical Velocity Fields
225 B. Neutron-Deuteron Scattering
226 D. Circulation of the Atmosphere
227 B. Determination of the Critical Buckling $B^2$
228 A. Evaluation of Difference Diffusion Equation

A implies the problem is NOT for academic credit, is UNsponsored
B implies the problem is for academic credit, is UNsponsored
C implies the problem is NOT for academic credit, IS sponsored
D implies the problem is for academic credit, IS sponsored

NO LETTER means that the problem is an internal one