TECHNICAL SESSION NO. 1
Composite Construction

New Standards for Cold-formed Steel Deck with Concrete
M. L. Porter

Safety Indexes for Shear-Bond Failure of Composite Slabs
L. A. McCuaig and R. M. Schuster

A Review of Composite Slab Design
H. D. Wright and H. R. Evans

The Analysis of Composite Slabs with Profiled Sheeting
Using a Computer Based Semi-Empirical Partial Interaction Approach
B. J. Daniels, D. O'Leary, and M. Crisinel

Strength of Composite Slabs
C. S. Young and W. S. Easterling

Long-Spanning Composite Members with Steel Decking
M. Patrick

Deflections for Composite Steel Deck Floors
W. B. Lamport and M. L. Porter

A Numerical Model for Fire-Exposed Composite Steel/Concrete Slabs
R. Hamerlinck, L. Twilt, and J. Stark

Stability of Arched Roof Made of Profiled Steel Sheeting
P. Makelainen and J. Hyvarinen

TECHNICAL SESSION NO. 2
Compression Members

Studies on the Behavior of Cold-formed Steel
Wall Stud Assemblies
T. H. Miller and T. Pekoz

Development and Verification of a Structural System
Using Cold-formed Steel Wall Studs
E. R. diGirolamo, T. Pekoz, and T. Bond

A Simple Semi-Analytical, Semi-Numerical Approach to
Thin-Walled Structures Stability Problems
J. Rhodes and P. W. Khong

A Study of Cold-formed Z-Section Steel Members
under Axial Loading
R. W. Purnadi, J. L. Tassoulas, and D. Polyzois

Design Formulas for Biaxially Loaded Thin-Walled
Steel Box Columns
N. E. Shanmugam, J. Y. R. Liew, and S. L. Lee

Strength Evaluation of Strut-Purlins
G. L. Hatch, W. S. Easterling, and T. M. Murray

Effect of Strain Rate on Cold-formed Steel Stub Columns
TECHNICAL SESSION NO. 3
Panels

Effective Width in Elastic Post-Buckling of Thin Flanges
R. W. Dannemann

A Model for the Behavior of Thin-Walled Flexural Members under Concentrated Loads
M. Bakker, T. Pekel, and J. Stark

Web Crippling of Wide Deck Sections
J. Studnicka

TECHNICAL SESSION NO. 4
Flexural Members

Behaviour of Channel Beams with Unbraced Compression Flanges
L. K. Seah and J. Rhodes

Experimental Study on the Lateral Buckling Behaviour of Cold-formed Beams
A. C. R. Djugash and V. Kalyanaraman

Uplift Behavior of Purlin Systems Having Discrete Braces
R. A. LaBoube and M. Golovin

Tests of Purlins with Screw Fastened Sheeting under Wind Uplift
G. J. Hancock, M. Celeban, C. Healy, P. N. Georgiou, and N. L. Ings

A Method for Determining the Strength of Z- and C-Purlin Supported Standing Seam Roof Systems
S. D. Brooks and T. M. Murray

Wide Lips-A Problem with the 1986 AISI Code

TECHNICAL SESSION NO. 5
Stainless Steel Structures

ASCE LRFD Method for Stainless Steel Structures
S. H. Lin, W. W. Yu, and T. V. Galambos

Stainless Steel Tubular Columns-Tests and Design
K. J. R. Rasmussen and G. J. Hancock

Lateral Torsional Buckling Strength of Doubly Symmetric Stainless Steel Beams
M. L. Van Wyk, G. J. Van den Berg, and P. Van der Merwe

The Effect of Workhardening and Residual Stresses Due to Cold Work of Forming on the Strength of Cold-formed Stainless Steel Lipped Channel Sections
J. S. Coetsee, G. J. Van den Berg, and P. Van der Merwe

TECHNICAL SESSION NO. 6
Connections

Moment-Rotation Characteristics of Purlin Connections
D. B. Moore
Tubular T-Joints Subject to Combined Actions
  X. L. Zhao and G. J. Hancock
Design of Cold-formed Steel Screw Connections
  T. Pekoz
Pull-over Strength of Screws in Simulated Building Tests
  S. Ellifritt and R. Burnette

TECHNICAL SESSION NO. 7
Special Analysis and Design and Current Research

A Comparison of Finite Element Nonlinear Analyses with Tests of Stressed Arch Frames
  M. J. Clarke and G. J. Hancock
Bending Behaviour of Double-C Thin Walled Beams
  A. DeMartino, A. Ghersi, and F. M. Mazzolani
Current Research on Cold-formed Steel Structures
  G. E. Blandford

TECHNICAL SESSION NO. 8
Design Method Developments

The 1989 Addendum to the AISI Specification
  S. J. Errera
New Czechoslovak Standard for Cold-formed Steel Structures
  J. Studnicka
Main Features of the P.R.C. Specification, GBJ18-87
  Z. Q. Zhang
Center for Cold-formed Steel Structures
  A. L. Johnson

ADDITIONAL PAPERS
Cold-formed Steel Products in Material Handling System Projects: Indian Experience
  M. C. Thakkar
Optimal Orientation of Corrugations in Beam Webs
  V. Belyaev and T. Mikhailova