```
! Keywords: Construction Industry / Economic / Forecasting / Leontief / Marketing /
Material Requirements Planning / Product Management / Product Mix / Production /
Shceduling / Steel Industry;
MAX         500 SEX + 1500 AEX + 300 EEX + 1200 PEX
                     - 250 S  - 300 A   - 50 E  - 300 P
SUBJECT TO
 2) SEX               - S  + 0.8 A + 0.01 E  + 0.2 P = 0
 3)    AEX       + 0.02 S      - A + 0.01 E + 0.03 P = 0
 4)       EEX             + 0.15 A      - E + 0.05 P = 0
 5)          PEX + 0.01 S + 0.11 A + 0.05 E      - P = 0
 6)                 0.5 S     + A  + 0.5 E    + 2 P <= 830000
 7)                             A                   <= 650000
 8)                                               P <= 60000
END
```