

**COMPUTER DESIGN  
OF REINFORCED CONCRETE COLUMNS**

**By:  
PETROU PANAYIOTIS**

**C/678**

**Project report**

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PETROU PANAYIOTIS

H.T.I.

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Petrou Panayiotis

## SUMMARY

My intent in this project was not to write an exhaustive treatise; any Chapter in this project could have been expanded more. What has been done in this Project is:

1. A general Introduction on design of Reinforced Concrete Columns
2. The Development of a Program in BASIC for the design of Braced Symmetrically Reinforced concrete columns.
3. Verification of this Program by hand calculations.
4. Development of a Program in LOTUS to draw the Design chart of Columns shown in BS8110.
5. Draw the Design charts by hand.

Notation used is to large extend that used in BS8110.

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