

## THIRD GENERAL CATALOGUE OF MK SPECTRAL CLASSIFICATIONS

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For the convenience of astronomers who need information concerning certain stars but prefer not to search through hundreds of research articles in the hope of finding it, a file of MK spectral types and UBV photoelectric photometry is maintained at Dearborn Observatory. A generous donor made possible the publication in 1974 of a listing of approximately 17,000 IBM cards of data compiled by Pamela M. Kennedy and William Buscombe during 1963-1973.

A sequel nearing completion will include for a similar number of additional stars:

- col. 1- 3 indication of multiplicity from spectroscopic observations
- 6-11 designation in the order of preference:
  - Henry Draper Catalog,
  - Durchmusterung number,
  - Chart number for stars in clusters,
  - Variable star name
- 14-20 right ascension 2000
- 23-28 declination 2000
- 32-45 MK spectral type, luminosity class, peculiarity
- 48-50 reference number for classification
- 53-57 V magnitude
- 59-63 B-V colour index
- 65-69 U-B colour index
- 72-74 reference number for photometry
- 75-80 notes in the order of preference:
  - indication of multiplicity from photometric observations,

- variable star name, or alternative designation,
- name of cluster for proven member stars

The selection of objects for inclusion is based on recently published journals, with special attention to nearby stars, binary systems, variable stars, x-ray sources, supergiants, members of galactic star clusters and the Magellanic Clouds.

It is a pleasure to acknowledge the assistance of Michael Allen and Mark Lewis in preparing this compilation.

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NOTE: Since Dr. Buscombe was unable to attend the meeting, only this abstract is provided.