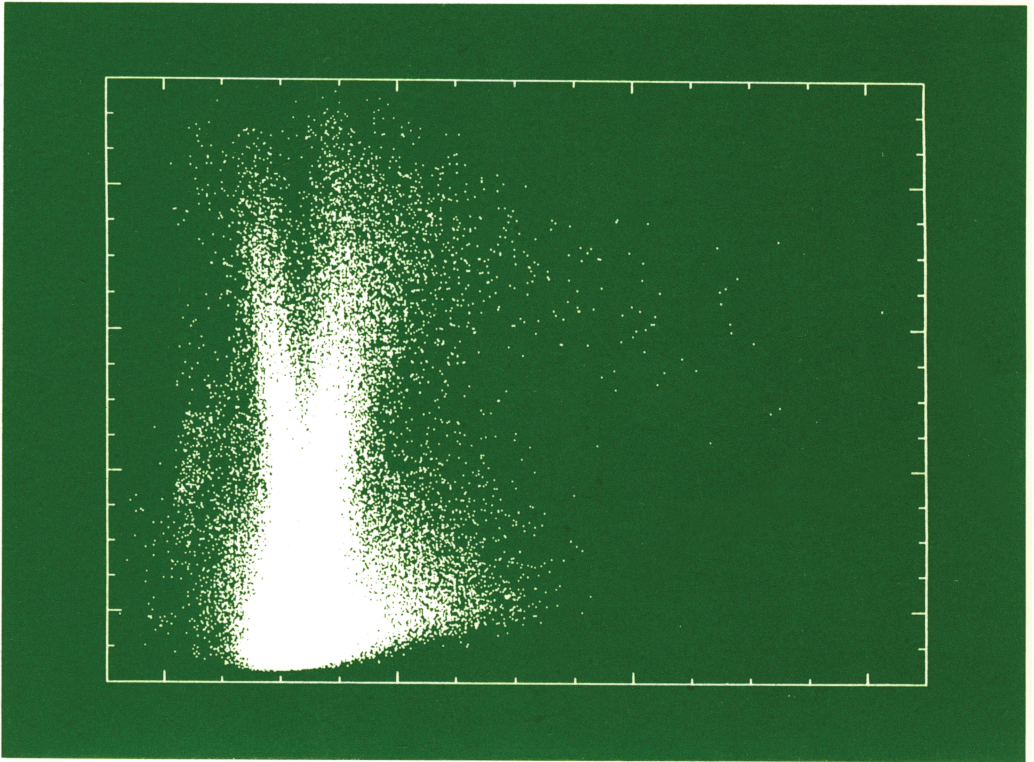


INTERNATIONAL ASTRONOMICAL UNION

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# GALACTIC BULGES

Edited by H. DEJONGHE and H. J. HABING



INTERNATIONAL ASTRONOMICAL UNION

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## GALACTIC BULGES

*cover picture:* Washington photometry of approximately 250,000 stars in a 2 square degree field at  $l = 350^\circ$ ,  $b = -10^\circ$ . The field is positioned so that galactocentric rotation can be measured directly from radial velocity.

The large sample allows the identification of the rare metal-weak stars in addition to more common bulge stars. For more details, see the paper by Harding and Morrison in this volume.

The "V" feature is caused by a blue sequence of foreground disk dwarfs and a redder sequence of bulge giants, extending to the very red M giants. A clump of blue horizontal-branch stars can be seen blueward of the disk sequence. The width of the giant branch is due both to the spread in distance of the stars along the line of sight, and the abundance variation in the field.

INTERNATIONAL ASTRONOMICAL UNION  
UNION ASTRONOMIQUE INTERNATIONALE

# GALACTIC BULGES

PROCEEDINGS OF THE 153TH SYMPOSIUM OF THE  
INTERNATIONAL ASTRONOMICAL UNION,  
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