

This figure is a detailed map of the star cluster NGC 639, showing various stars with proper motion vectors and labels. The map includes a grid of right ascension and declination lines, and several stars are labeled with their names and coordinates. The cluster is centered around a bright star, and the map shows the distribution of other stars in the field.

Key features and labels on the map include:

- Star Labels:** Several stars are labeled with their names and coordinates, such as "H I E K E K E I I", "S a g \* a c y ^ o a e", "W ^ E E o a", "T a e a ^ o a", and "G F F I".
- Proper Motion Vectors:** Arrows indicate the direction and magnitude of proper motion for various stars.
- Grid Lines:** A grid of right ascension and declination lines is overlaid on the map.
- Star Distribution:** The map shows the distribution of stars in the field, with a higher density of stars in the central region.

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