

Is Most of the Universe Missing?

Dr. Harold Williams
Montgomery College
Takoma Park, Maryland

- Disk galaxies exist.
- The stars in disk galaxies move in predominately circular orbits.
- Newton's Laws and Universal Gravity tell us that the mass enclosed in spherical or cylindrical symmetry is determined by the velocity of orbiting bodies.
- The mass as measured by light and the velocity of stars do not agree.
- There must be lots of missing mass.

