

Scholarly Publications

Refereed Journal Articles:

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(4) 1980, de Vaucouleurs, G. and Buta, R., "Diameters of Nuclei, Lenses, and Inner and Outer Rings in 532 Galaxies," *Astronomical Journal* 85, 637.

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(16) 1983, Buta, R. and de Vaucouleurs, G., "Inner Ring Structures in Galaxies as Distance Indicators. IV. Distances to Several Groups, Clusters, the Hercules Supercluster, and the Value of the Hubble Constant," *Astrophysical Journal* 266, 1.

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(19) 1983, de Vaucouleurs, G., de Vaucouleurs, A. and Buta, R., "Integrated Magnitudes and Mean Colors of the DDO Dwarfs in the UBV System. II. Distances, Luminosities, and H I Properties," *Astronomical Journal* 88, 764.

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Papers in preparation:

(1) 2013, Buta, R. J., Sheth, K., Knapen, J. H., et al., “New Views of Classical Morphology of Galaxies from the Spitzer Survey of Stellar Structure in Galaxies,” to be submitted to the *Astrophysical Journal*

(2) 2013, Buta, R. & Pfenniger, D., “Galaxy Evolution Through Secular Processes,” to be published in *Highlights of Astronomy*, Vol. 16, T. Montmerle, ed.

(3) 2012, Zhang, X. & Buta, R. J., “Galaxy Secular Mass Flow Rate Determination Using the Potential-Density Phase Shift Approach,” submitted to *Monthly Notices of the Royal Astronomical Society*, March, 2012

Book submitted:

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