



Cover image: Pictured is the NASA Chandra X-ray Observatory and some of the phenomena that the telescope has detected since its July 1999 launch from the space shuttle Columbia. Chandra was designed to detect X-ray emissions from very hot regions of the universe, such as exploded stars, clusters of galaxies, and matter around black holes. The observatory has traced the separation of dark matter from normal matter in colliding galaxy clusters, and contributed to insights into the physics of stellar birth and planet formation. The Chandra instrument provides superior images compared to previously available X-ray pictures, which contributes to the mission's goal to advance understanding of the high-energy universe. See the article by Douglas Swartz et al. on pages 7127–7134, which is the introduction to Chandra's First Decade of Discovery Special Feature. Cover design courtesy of Melissa Weiss (NASA Chandra X-ray Center, Cambridge, MA).

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