

Active galactic nuclei

Springer-Verlag - [1707.07134] Active Galactic Nuclei: what's in a name?

Description: -

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Adrianople, Turkey.

Special education.

Inclusive education -- Government policy.

Great Britain -- History -- James II, 1685-1688.

Mary, -- of Modena, Queen, consort of James II, King of England, -
- 1658-1718

Louis -- XIV, -- King of France, -- 1638-1715.

Social stratification

Active galaxies -- Congresses.

Galactic nuclei -- Congresses.Active galactic nuclei

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1990.

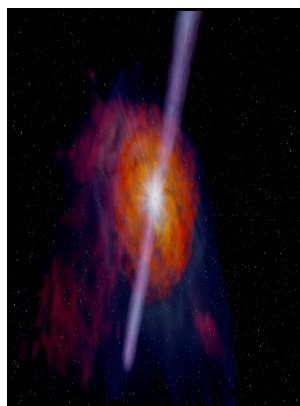
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Tags: #What #are #Active #Galactic #Nuclei?

A Brief History of Active Galactic Nuclei

Infrared observations of the nuclei of Seyfert 2s also support this picture. Yet another problem was the prediction of strong Lyman edge absorption features, given effective temperatures similar to those of O stars.

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The small class of broad-line radio galaxies, which show relatively strong nuclear optical continuum emission probably includes some objects that are simply low-luminosity radio-loud quasars.

Active galactic nuclei

Originally they were divided into two types known as Seyfert 1 and 2: Seyfert 1s show strong broad emission lines while Seyfert 2s do not, and Seyfert 1s are more likely to show strong low-energy X-ray emission. Radio galaxies, , and blazars are AGN with strong jets that can travel outward into large regions of intergalactic space.

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Photoionization models typically assumed a slab geometry representing the ionized face of a cloud that was optically thick to the Lyman continuum. Theoretical efforts by several authors culminated in models involving thousands of Fe lines, with allowance for the fluorescent interlocking of different lines.

Scientific homepage of Konrad R. W. Tristram

Radio-quiet AGNs are simpler, in that any jet or jet-related emission are negligible.

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Publications of the Astronomical Society of the Pacific. The leisurely pace of optical discoveries in the first half of the century gave way to the

fierce competition of radio work in the 1950s. For a long time it has been argued that an AGN must be powered by of mass onto massive black holes 10^6 to 10^{10} times the.

What are active galactic nuclei?

They always show strong optical continuum emission, X-ray continuum emission, and broad and narrow optical emission lines.

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Fath's goal was to test the claim that spirals show a continuous spectrum consistent with a collection of stars, rather than the bright line spectrum characteristic of gaseous nebulae. Alternatively, broad Balmer line wings might be produced by electron scattering. Furthermore, Doppler boosting would cause us to see more blueshifts than redshifts if the objects were ejected from nearby galaxies.

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