Les Lumières: probing the cosmic Epoch of Reionization with high-redshift quasars

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Les Lumières

Probing the cosmic Epoch of Reionization with high-redshift quasars

Proefschrift

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Each cow on the cover represents a different reionisation topology whose average neutral fraction $\langle x_{\rm HI} \rangle$ is computed within its respective coordinate system, assuming that white regions are neutral and black ones ionised. The line in the background is an artistic impression of a quasar spectrum with Lyman-α damping wing and proximity zone, generated according to the procedure outlined in Chapter 2 of this thesis.

Illustration by Annika Dahlkemper, scientific add-ons by the author.

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"Sapere aude! Habe Muth, dich deines eigenen Verstandes zu bedienen!"
– *Beantwortung der Frage: Was ist Aufklärung?*, Immanuel Kant

"Sapere Aude! Have courage to use your own understanding!"
– *An Answer to the Question: What is Enlightenment?*, Immanuel Kant

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