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Title: Roman Solar Ecosystem Design

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This essay explores the deliberate use of passive solar principles in ancient Greek and Roman architecture, tracing their origins in philosophical thought, their articulation in ...

In this paper I refute this claim, drawing on modern ideas about solar energy, heat transfer, human comfort, and the effect of glazed windows to analyze one room in the Forum Baths at ...

Using proprietary prisms and mirrors, Erskine's six installations in the ancient Roman Forum transformed ordinary Sunlight into ever-changing floods of saturated color, bathing 2000 year ...

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A groundbreaking ecocritical study that examines how ideas about the natural and built environment informed architectural and decorative trends of the Roman Late Republican and ...

The structural designs of ancient solar observatories in the Roman Empire were intentionally crafted to optimize solar alignment functions. These designs often incorporated precise ...

Explore the early use of solar architecture in antiquity, highlighting how ancient civilizations integrated solar design into temples, homes, and urban planning for energy and ...

It is, therefore, natural to investigate whether reflections of Nero's "solar" kingship can be seen reflected in the architecture of the period. As far as we know, this subject has been previously ...

In this paper I refute this claim, drawing on modern ideas about solar energy, heat transfer, human comfort, and the effect of glazed windows to analyze one room in the Forum Baths at Ostia. ...

The Baths of Caracalla and the Forum Baths at Ostia will be used as examples of how the ancient Roman Empire used passive solar energy and radiant heating. The process of these ...

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