

UTILIZATION OF NATURAL RESOURCES IN SUPPORTING ECO-INTERIOR DESIGN

Rahmanu Widayat, Anung B. Studyanto

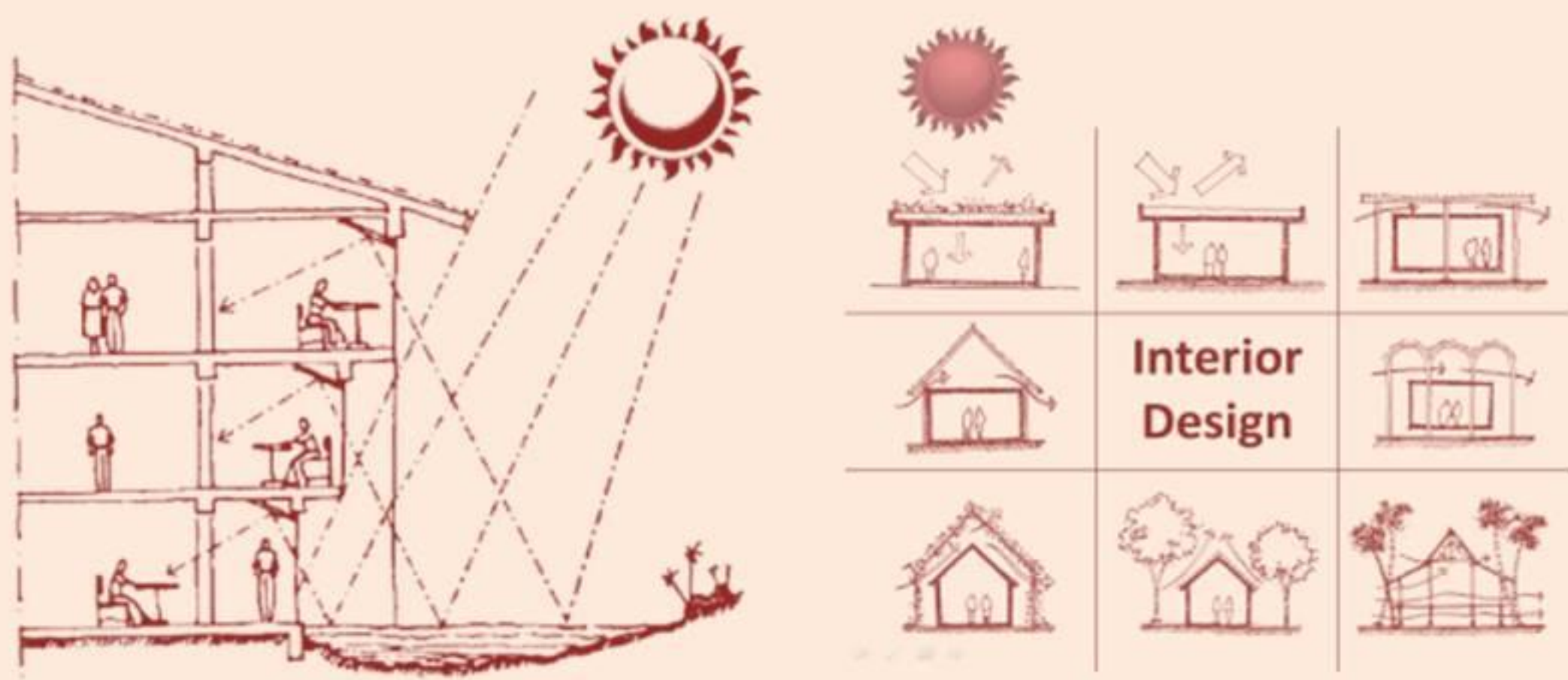
Abstract – In creating interior designs, most people do not optimize natural resources and the concept of eco-interior design. This causes a lack of comfort such as hot air, lack of light during the day, and noise entering the interior. The question is how to utilize natural resources optimally in supporting interior eco-design. To answer this, identification on several cases with similar problem solving need to be done. The findings can be used as inspirations for the community in constructing public buildings and residences, so that interior designs can be occupied comfortably. The results and discussion found several alternatives namely technical utilization of optimal but not dazzling sunlight, technical use of optimal cross-air circulation in buildings, and utilization of natural building materials that can absorb sound to overcome noise from outside.

INTERIOR DESIGN COMFORT PROBLEMS

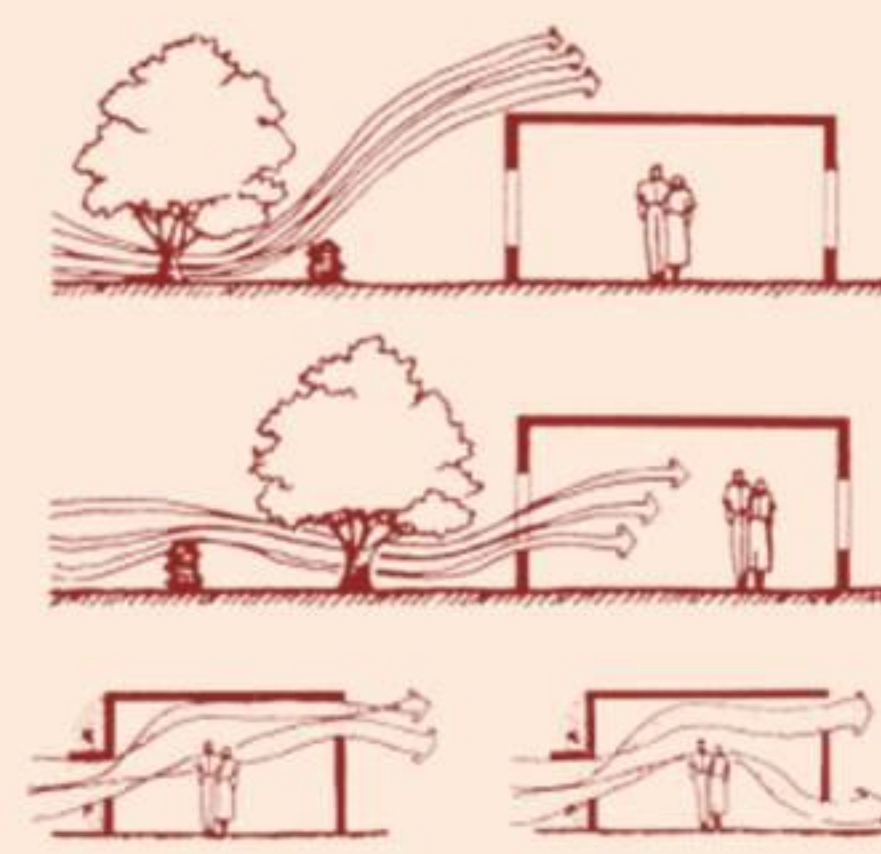
SOLUTION TO PROBLEM

HEINZ FRICK'S ECOLOGICAL CONCEPT

NATURAL LIGHTING



NATURAL VENTILATION



NATURAL MATERIALS



EXAMPLE OF APPLICATION



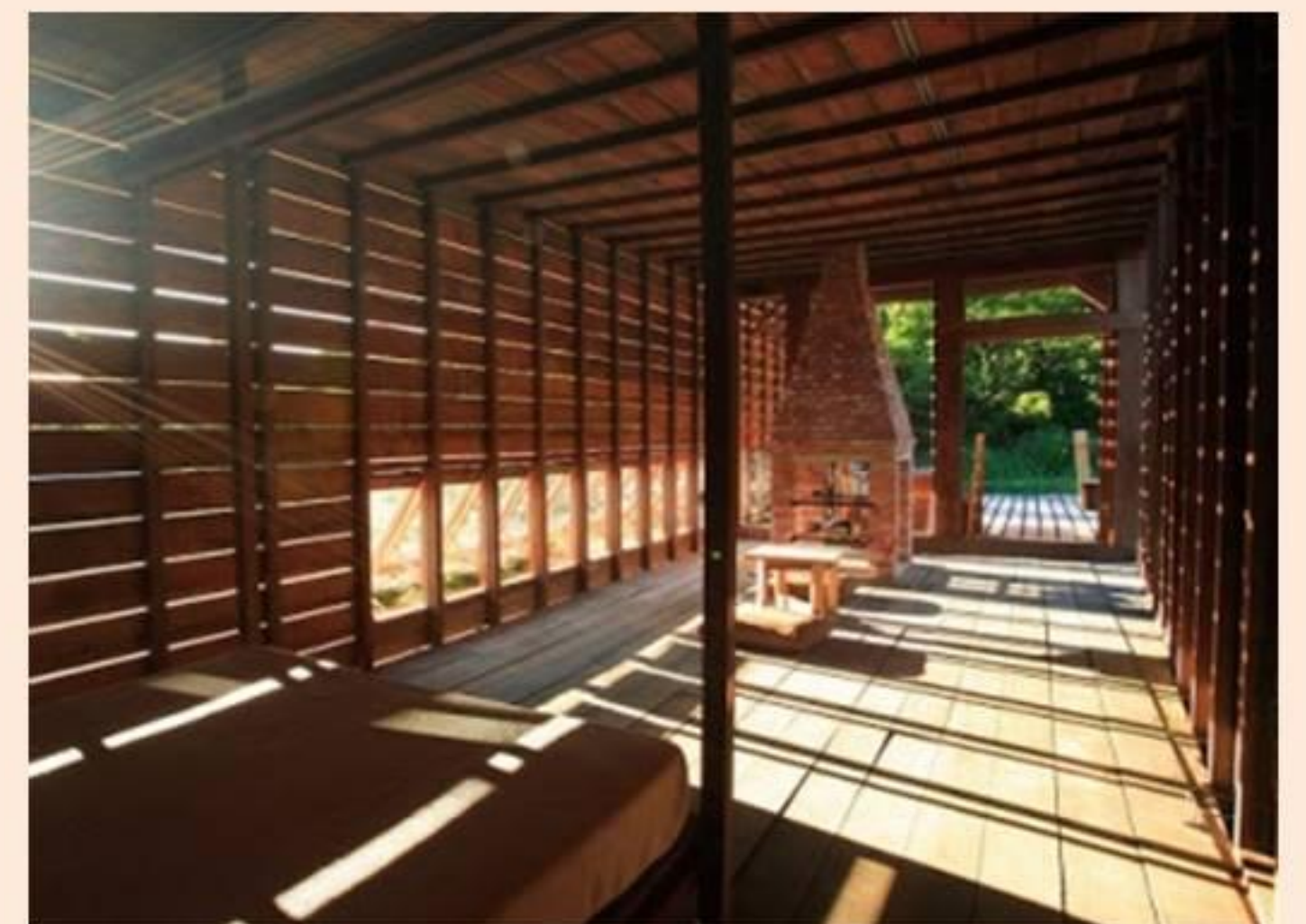
<https://www.tetris-db.com/en/news/why-green-workplace-design-creates-a-feel-good-factor/>



<https://architects.zone/introduction-to-sustainable-architecture/>



<http://www.2030palette.org/cross-ventilation/>



<https://sanantonio-report.org/aia-design-awards/josey03/>



RESULT

NATURAL RESOURCES SUPPORT ECO-INTERIOR DESIGN