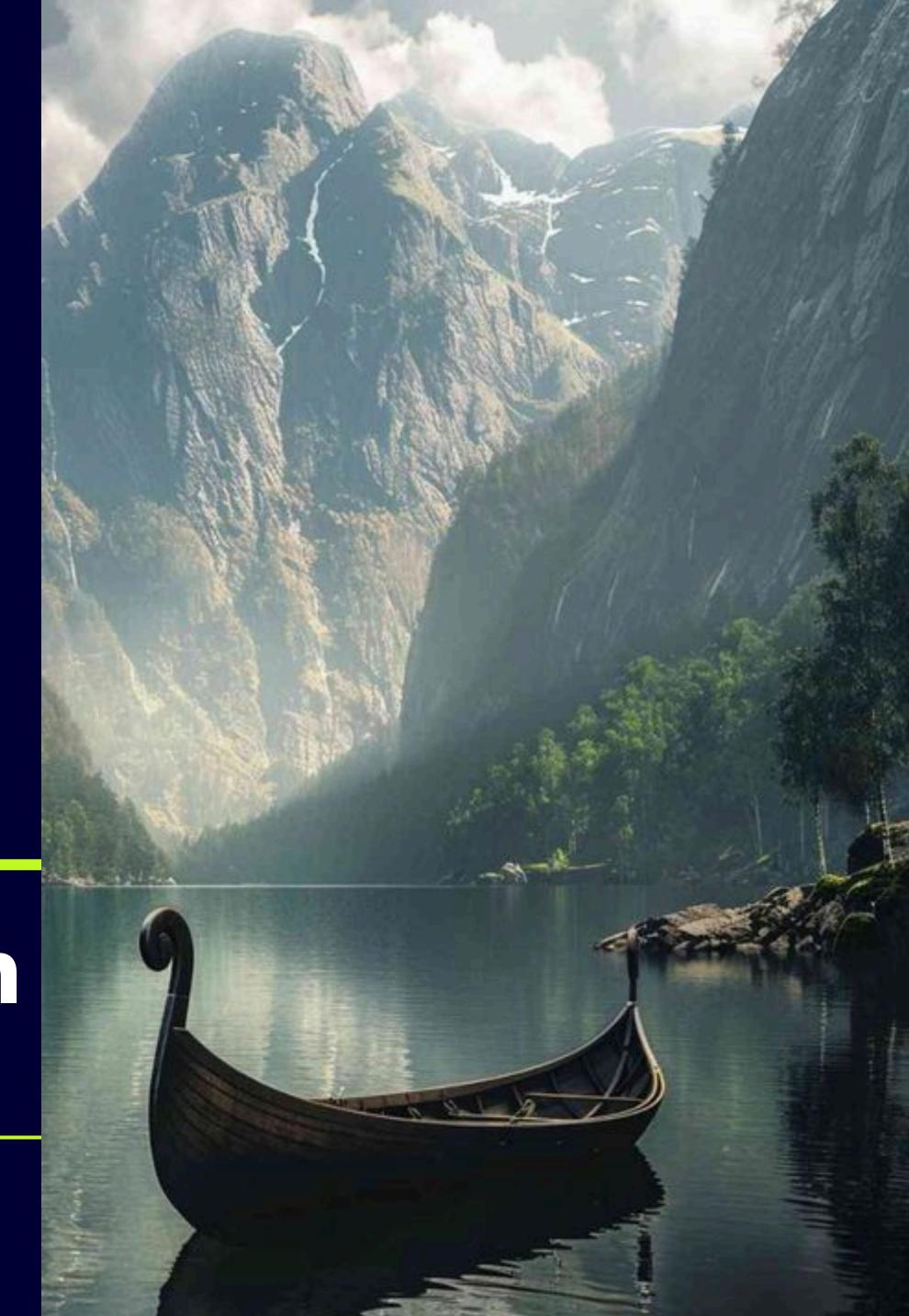




The secret of Viking orientation

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Vikings





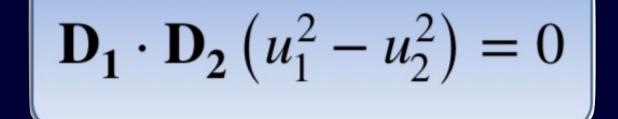




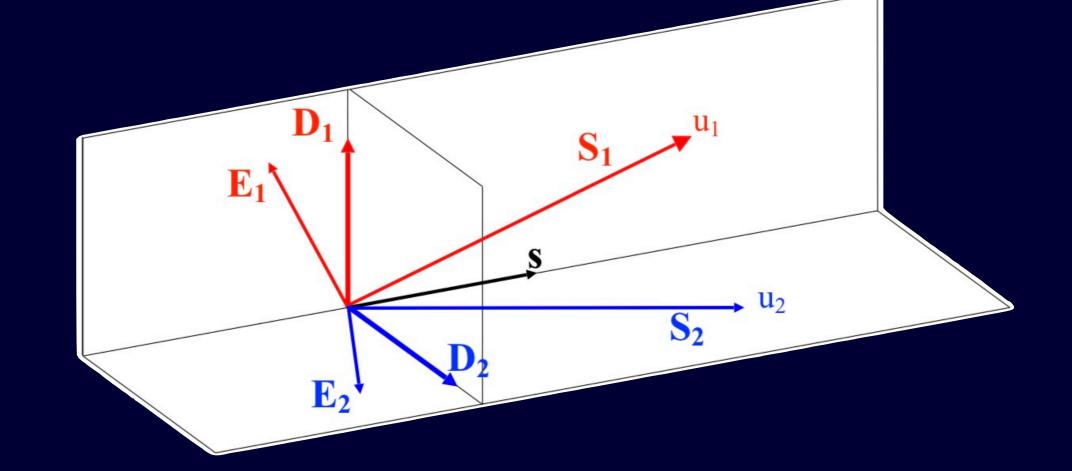
Birefringence

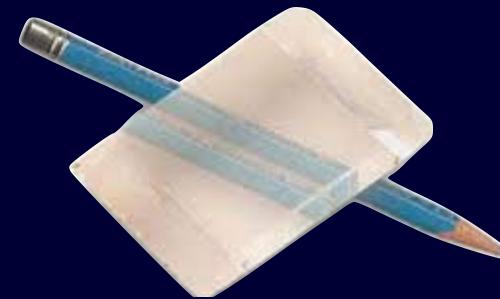


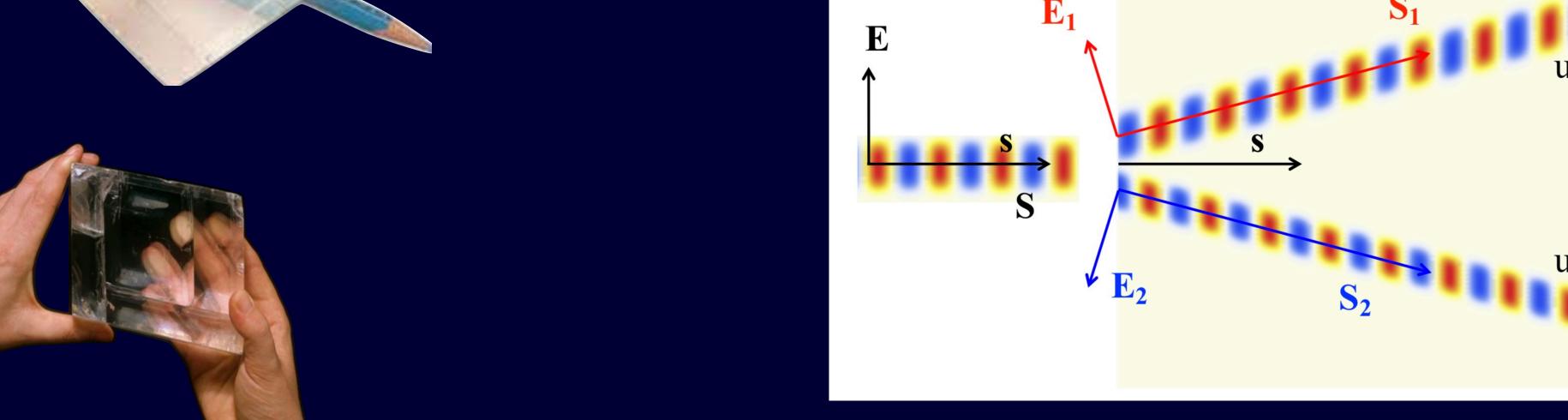




$$u_1^2 \neq u_2^2 \Longrightarrow \mathbf{D}_1 \cdot \mathbf{D}_2 = 0$$







Conclusions

- -Birefringence of calcite.
- -The importance of physics for the development of the civilisations.
- -The application of physics laws to the real life.