## **DUBROVNIK VI - Geometric Topology**

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## Compacta with algebraically closed function algebras

For a compact Hausdorff space X, C(X) denotes the algebra consisting of all complex-valued continuous functions on X. We say that C(X) is *algebraically closed* if each monic algebraic equation with C(X)-coefficients has a root in C(X). We discuss the characterization problem of compacta X with algebraic closed C(X).

## References

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