



**UNIVERSIDADE FEDERAL DE SANTA CATARINA  
CENTRO DE CIÊNCIAS FÍSICAS E MATEMÁTICAS  
PÓS-GRADUAÇÃO EM MATEMÁTICA PURA E APLICADA**

**MTM510001 C\*-Algebras**

Pre-requisite: MTM510011 Operator Algebras

Weekly lesson hours: 06h

**Discipline syllabus:** C\*-algebras of isometries, Irrational rotation algebras, C\*-algebra of groups, Cross Products.

**BIBLIOGRAPHIC REFERENCES**

Text book:

1. Kenneth Davidson, - C\*-Algebras by Example. American Mathematical Society, 1996.

**COMPLEMENTARY BIBLIOGRAPHY**

1. Dana Williams, - Crossed Product of C\*-Algebras.