

# Exam questions

- (1)  $5r$ -covering theorem and Vitali-covering Theorem for Lebesgue measure (Covering Theorems I).
- (2) Vitali-covering Theorem for Radon measures (Covering Theorems II page 1-3).
- (3) Theorem A and Lemma B (Covering Theorems II page 3-6).
- (4) Vitali Covering Theorem for Hausdorff measures (Covering Theorems II page 6-9).
- (5) Differentiation of measures 1 file pages 1-3
- (6) Differentiation of measures 1 file pages 4-6
- (7) Differentiation of measures 2 file pages 1-4
- (8) Differentiation of measures 2 file pages 5-8
- (9) Differentiation of measures 2 file pages 9-11
- (10) Differentiation of measures 3 file pages 1-4
- (11) Differentiation of measures 3 file pages 5-7