

38. TOPIC 7: PRODUCT-TYPE PSEUDODIFFERENTIAL OPERATORS  
IN PLACE OF LECTURE FOR MONDAY, 25 NOVEMBER, 2008

Algebras of pseudodifferential operators associated to products of manifolds and fibrations and why they can be useful. They will be used in the next 'Exercise', can be used to give a smoothed-out version of the original embedding proof of the index theorem by Atiyah and Singer and will be used below in the discussion of smooth  $K$ -homology.