1. **Record Nr.** UNINA990001126840403321
   Autore Albu, Toma
   Titolo Relative finiteness in Module Theory / by A lbu and Nastasescu
   Pubbl/distr/stampa New York [etc.] : Marcel Dekker
   Collana Pure and applied mathematics ; 84
   Locazione MA1
   Collocazione C-8-(84
   Lingua di pubblicazione Inglese
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2. **Record Nr.** UNINA9910557487503321
   Autore Kuo Chia-Hung
   Titolo Biocatalytic Process Optimization
   Pubbl/distr/stampa Basel, Switzerland, : MDPI - Multidisciplinary Digital Publishing Institute, 2021
   Descrizione fisica 1 online resource (296 p.)
   Soggetti Research & information: general
   Lingua di pubblicazione Inglese
   Formato Materiale a stampa
   Livello bibliografico Monografia
   Sommario/riassunto Biocatalysis is very appealing to the industry because it allows, in principle, the synthesis of products not accessible by chemical synthesis. Enzymes are very eective, as are precise biocatalysts, as they are enantioselective, with mild reaction conditions and green chemistry. Biocatalysis is currently widely used in the pharmaceutical industry, food industry, cosmetic industry, and textile industry. This

includes enzyme production, biocatalytic process development, biotransformation, enzyme engineering, immobilization, the synthesis of fine chemicals and the recycling of biocatalysts. One of the most challenging problems in biocatalysis applications is process optimization. This Special Issue shows that an optimized biocatalysis process can provide an environmentally friendly, clean, highly ecient, low cost, and renewable process for the synthesis and production of valuable products. With further development and improvements, more biocatalysis processes may be applied in the future.