

## Contents

<b>1 Homological Methods in Commutative Algebra</b>	<b>1</b>
Hans-Bjørn Foxby	
<b>2 Gröbner Bases, Initial Ideals and Initial Algebras</b>	<b>17</b>
Winfried Bruns and Aldo Conca	
<b>3 Cotorsion Theories, Galois and CoGalois Groups</b>	<b>35</b>
Edgar E. Enochs and Overtoun M.G. Jenda	
<b>4 Gorenstein Injective Modules over Commutative Noetherian Rings</b>	<b>43</b>
Edgar E. Enochs and Overtoun M.G. Jenda	
<b>5 On the Regularity of Powers of an Ideal</b>	<b>53</b>
Jürgen Herzog	
<b>6 Problems and Results on Cofiniteness: a Survey</b>	<b>69</b>
Leif Melkersson	