

# Analysis



- 19**  
Sets, functions,  
and the continuum hypothesis 127
- 20**  
In praise of inequalities 143
- 21**  
The fundamental theorem  
of algebra 151
- 22**  
One square  
and an odd number of triangles 155
- 23**  
A theorem of Pólya  
on polynomials 163
- 24**  
Van der Waerden's  
permanent conjecture 169
- 25**  
On a lemma  
of Littlewood and Offord 179
- 26**  
Cotangent  
and the Herglotz trick 183
- 27**  
Buffon's needle problem 189

*"Hilbert's seaside resort hotel"*