





**TÜRKİYE  
7. KÖMÜR KONGRESİ  
BİLDİRİLER KİTABI**

PROCEEDINGS  
OF  
THE SEVENTH COAL  
CONGRESS OF  
TURKEY

**21 - 25 MAYIS 1990**  
MAY 21 - 25, 1990

**TMMOB  
MADEN MÜHENDİSLERİ ODASI  
ZONGULDAK ŞUBESİ**

THE ZONGULDAK BRANCH OF THE  
CHAMBER OF MINING ENGINEERS

**ZONGULDAK - TURKEY**

