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### ABOUT THE NATURE OF THE DIFFERENTIAL ROTATION OF THE SUN

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QUASI-BIENNIAL PERIODICITIES OF SOLAR ACTIVITY AS A MANIFESTATION  
OF A GLOBAL CONVECTION MODULATION EFFECT

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LARGE-SCALE FLOWS PRODUCED BY MAGNETIC FIELDS IN THE SOLAR  
CONVECTION ZONE

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SPATIAL DISTRIBUTION OF MAGNETIC ENERGY IN A SIMPLE TURBULENT  
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## EFFECT OF NEGATIVE MAGNETIC PRESSURE IN THE TURBULENT SOLAR CONVECTIVE ZONE

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## VII. Convection and Magnetic Fields in Solar-type Stars

### STELLAR GRANULATION

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### NON-LTE ANALYSIS OF THE CARBON SPECTRA OF THE SUN AND PROCYON

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### OBSERVATION AND ANALYSIS OF THE NEUTRAL CALCIUM SPECTRUM OF THE SUN AND PROCYON

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