



**Roman Teisseyre**

**1929 – 2022**

**physicist, geophysicist, theorist**



Roman started his work as geophysicist in 1953, joining Leopold Infeld's team of theoretical physics. Almost to the end of life he worked in the Department, later: Institute of Geophysics, Polish Academy of Sciences, Warsaw Poland. He was national profesor, real member of PAS.

Professor R. Teisseyre's field of interest was wide - from seismology to the fields of dislocations, macroscopic faults, electric and magnetic phenomena and the related measurements, ***generally: he contributed both to measurement methods and to the deep theories.***

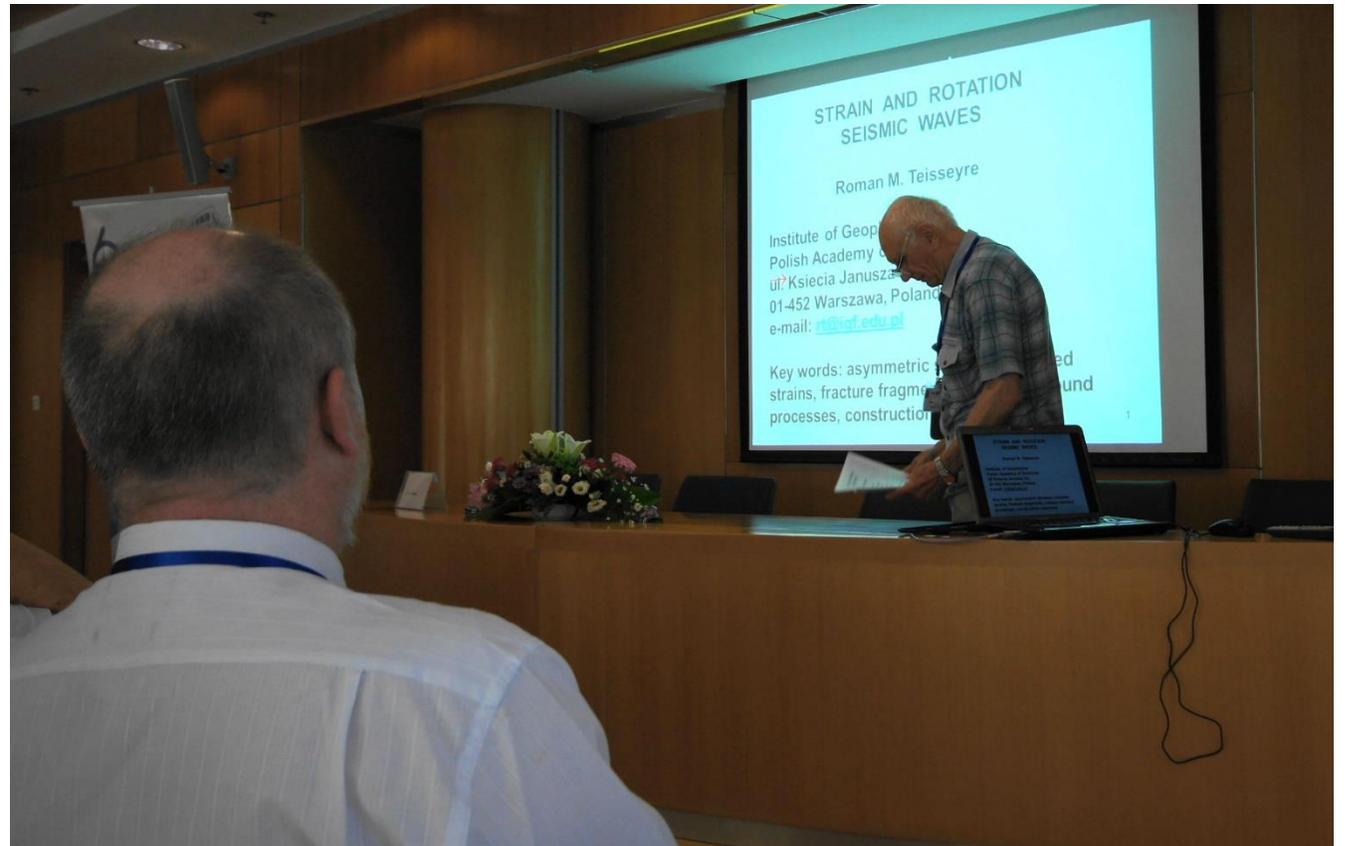


Describing his scientific interests, goals and achievements, these would be: at the beginning – dislocation rupture theory, later on – a new rebound theory of earthquakes and then: **enigma of rotational motions in solid Earth.**

He belonged to pioneers of the studies on rotational motions/effects, and **he will always belong to our community.**



On the Pasterze Glacier, Alps, 2006

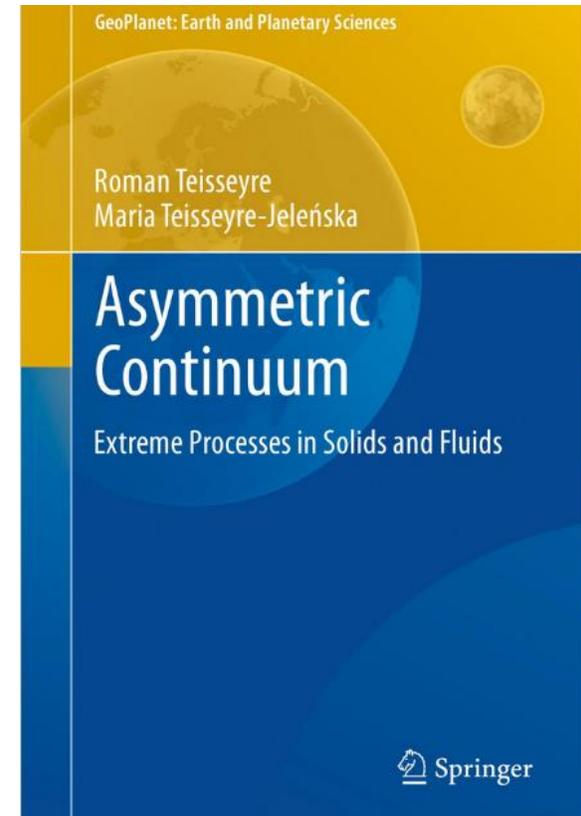
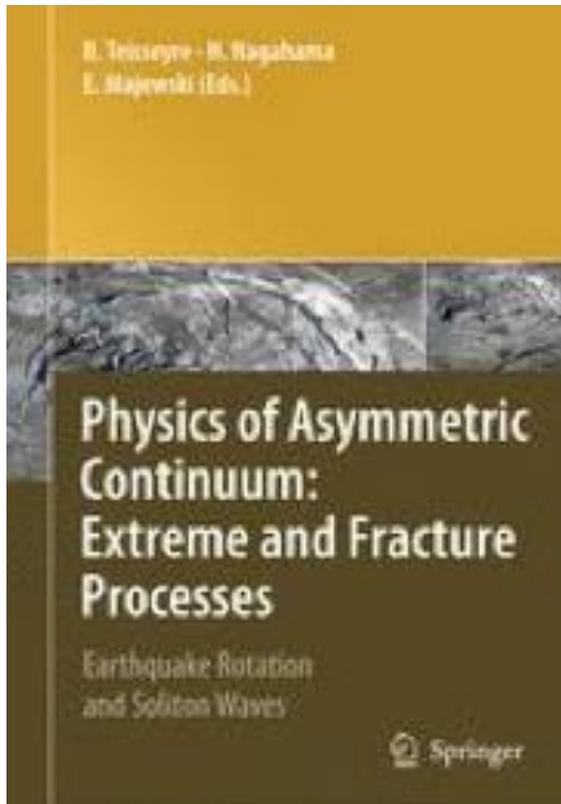
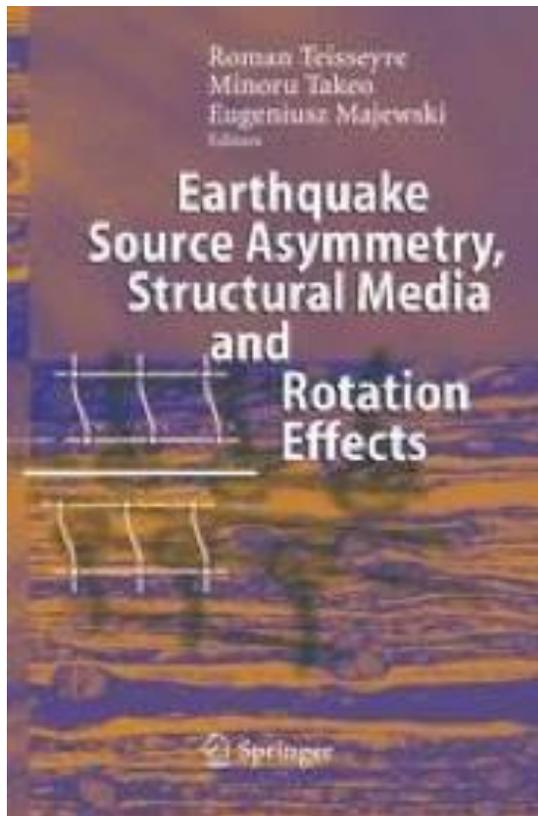


and 6th EWICS, Haifa, 2011

In this continuously evolving field, he started with interest in the symmetric micromorphic continuum, then turned the scope to asymmetric one and this led him to rotational effects **and motions** which, as he deeply believed, propagate as certain entity, not as a mere resultants of the “classic, well known” motions and deformations.

Roman Teisseyre in his youth was also an organizer of scientific expeditions. Later he concentrated on articles, theories, scientific models... He published more than 300 articles and notes, both as co-author and the sole author. To this number, we do not count his chapters in the monographs.

He was a co-author of 9 monographs, including *Physics and Evolution of the Earth's Interior* – monograph has 6 volumes; other eight are smaller. Among these books, we dare to say, especially important are:



Roman was very active always !!!!



Here he is on the right, in Vietnam, 1957.



In 2011 at the age of 82 he has jumped on a head to the Dead Sea



and this is not true that he was cruel to his children



or grandchildren