

## M. Apostol

### Papers in Journal of Theoretical Physics

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M Apostol, S Ilie, A Petrut, M Savu and S Toba  
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M Apostol, S Ilie, A Petrut, M Savu and S Toba  
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of a turbulent flow over an unbounded flat surface  
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- 241 General solution to the elastic deformation of the half-space with point forces  
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- 242 Deformation of an isotropic elastic half-space under the action of point forces.  
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- 256 On unphysical terms in the elastic Hertz potentials  
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- 257 On the boundary conditions in fluids  
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- 258 Vibrations of fluids  
M Apostol  
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- 259 On the Landau damping and the penetration depth in a plasma model (Lecture thirteenth of the Course of Theoretical Physics)  
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- 260 Penetration depth of a longitudinal electric field in a semi-infinite classical plasma  
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263. On the Stokes problem and its tensorial generalization in the theory of the elastic waves  
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264. Secondary elastic waves from the plane surface of a half-space  
B. F. Apostol  
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265. Of longitudinal fields in Electromagnetism  
M. Apostol  
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266. On the stability of a classical plasma  
M. Apostol and L. C. Cune  
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267. Ions "diffracted" on electromagnetic radiation  
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268. A note on the electromagnetic interaction. Radiation-induced fragmentation (dissociation) of quantum-mechanical assemblies  
M. Apostol  
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269. On the ionization of atoms by electromagnetic radiation  
M. Apostol  
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270. Ions diffracted by electromagnetic radiation. Charges scattered by radiation field  
M. Apostol  
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271. Scattering of non-relativistic quantum charge in electromagnetic radiation  
M. Apostol  
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272. Scattering of non-relativistic charged-particles by electromagnetic radiation  
M. Apostol  
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273. A note on the ionization of atoms by electromagnetic radiation  
M. Apostol  
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274. Scattering of non-relativistic charged particles by electromagnetic radiation  
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275. Some comments on the bound-state disintegration by electromagnetic radiation (electromagnetic effect on the alpha decay)  
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276. Spectral line of stimulated emission in magnetic resonance  
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278. The inverse problem in Seismology. Seismic moment and energy of earthquakes  
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279. Seismic moment deduced from quasi-static surface displacement in seismogen zones  
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280. Comments upon bound-state charges in electric fields  
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281. On the field-assisted emission of protons from the nuclei of the heavy atoms  
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282. Analysis of the cross-section of charge scattering by electromagnetic radiation  
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283. Two notes on ferroelectricity  
M. Apostol  
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284. Dynamics of the electron cloud of heavy atoms in an external electric field  
M. Apostol  
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285. Derivation of the seismic moment from seismic waves  
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286. High-intensity laser radiation on solid targets  
M. Apostol  
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287. Energy distribution in ionization and dissociation  
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M. Apostol  
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293. Qualitative features of the seismic waves on Earth's surface  
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294. Seismic source parameters from local seismic records. Earthquake of...,  
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295. On an inverse problem in elastic wave propagation  
B. F. Apostol  
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296. Notes on Quantum Electrodynamics and Quantum Field Theory (Lecture 14<sup>th</sup>  
of the Course of Theoretical Physics)  
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297. A note on the present main line of research in statistical Seismology  
M. Apostol  
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298. A generalized Kostrov representation. Seismic moment and seismic source  
with both shear-faulting and isotropic mechanism  
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299. Earthquake distributions and Bath's law  
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300. Statistical Seismology (Studies in Seismology, I)  
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301. Drag force through gases and plasma  
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302. Cohesive force bewteen macro-, meso- and nanoscopic bodies, double layer  
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303. On the stability of lyophobic colloids and suspensions (Double-layer vs interface)  
M. Apostol  
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304. On the dynamics of lyophobic colloids  
M. Apostol and L. C. Cune  
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305. A critical survey of the current theories of colloids  
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307. Resonant coupling of the electron cloud with the nucleus in heavy atoms. Rate of nucleon emission  
M. Apostol  
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308. On quantum electrodynamics  
M. Apostol  
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309. Electric pulse on a metallic wire  
M. Apostol  
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310. Electromagnetic waves along a wire and the surface of a half-space  
M. Apostol  
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311. Surface plasmon-polaritons  
M. Apostol  
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312. Determination of earthquake parameters  
B. F. Apostol  
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313. Penetration of oscillating uniform electric fields in metals  
M. Apostol  
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314. Electric fields in a semi-infinite classical plasma  
M. Apostol  
J. Theor. Phys. **314** (2020)

315. Bath's law, correlations and magnitude distributions  
B. F. Apostol  
J. Theor. Phys. **315** (2020)
316. Entropy of earthquakes  
B. F. Apostol and L. C. Cune  
J. Theor. Phys. **316** (2020)
317. Earthquake correlations and Bath's law  
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318. On electromagnetic eigenmodes in matter  
M. Apostol  
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319. On the structure of the Quantum Electrodynamics  
M. Apostol  
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320. Electromagnetic field in matter  
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J. Theor. Phys. **320** (2020)
321. The Physics of pure reason (Lecture 15<sup>th</sup> of the Course of Theoretical Physics)  
M. Apostol  
J. Theor. Phys. **321** (2020)
322. Topological conductors  
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J. Theor. Phys. **322** (2020)
323. Time-magnitude correlations and the time avariation of the Gutenberg-Richter parameter in foreshock sequences  
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324. Particularities of the statistical approach to seismic activity  
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J. Theor. Phys. **325** (2020)



