

## Center for Mathematical and Applied Research

Cosmology Laboratory

Senior researcher

✉ marine.samsonyan@ysu.am

## Publications

---

*Article*

### **Gravitational waves as waveguides**

V. G. Gurzadyan, M. Samsonyan, A. A. Kocharyan

European Physical Journal Plus 2022 1133

---

*Article*

### **Cosmic voids and induced hyperbolicity. III. Tracing redshift dependence**

V.G.Gurzadyan, A.Kocharyan, M.Samsonyan, A.Stepanian

European Physical Journal Plus 2021 821

---

*Article*

### **Cosmic voids and induced hyperbolicity. II. Sensitivity to void/wall scales**

V.G.Gurzadyan, M.Samsonyan, A.Kocharyan, A.Stepanian

European Physical Journal Plus 2021 350

---

*Article*

### **Cosmic voids and induced hyperbolicity**

V.G.Gurzadyan, M. Samsonyan, A. A. Kocharyan, A. Stepanian

European Physical Journal Plus 2020 946

---