

# **Analytical Determination of the magnetic moment of the Delta-resonance and screening in the bremsstrahlung reactions**

*Monday, 8 October 2007 13:30 (0 minutes)*

## **Summary**

We have shown, that current conservation generates a model-independent cancellation between the external and internal particle radiation terms. This cancellation has a meaning of the screening of the internal particle radiation by the external particle radiation.

Above mechanism enables us to determine analytically the magnetic moments of the corresponding intermediate clusters via the magnetic moments of the external particles.

**Primary author:** MACHAVARIANI, Alexander (JINR< Dubna, Russia and TSU Georgia)

**Presenter:** MACHAVARIANI, Alexander (JINR< Dubna, Russia and TSU Georgia)

**Session Classification:** Poster

**Track Classification:** Baryon Spectroscopy