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You searched for: "**colored stone**" **federman** **andesine** "**international school of gemology**" We have highlighted matching words that appear in the page below.

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International School of Gemology

From Wikipedia, the free encyclopedia

The **International School of Gemology** (ISG), founded in 2004 by Robert James FGA, GG, started as an Allied Gem Tutorial centre for the Gemmological Association of Great Britain. It is now a completely independent institution which offers various courses in gemology.

Controversy

In an article in the June 2009 issue of the **Colored Stone** magazine, a publication whose editor strongly supported James^[1], Dr. Joel Arem made the point that due to the melting temperature of the materials, tourmaline as well as topaz and garnet, "Lattice diffusion (as with **andesine**) would not be possible, because the crystal structures would never relax sufficiently to allow atomic mobility." Further, he summed up the proof in the images of diffusion offered by James: "In all these cases, the mechanism of coloration appears to be a simple variation of dyeing^[2]."

In January of 2012, the World Gem Society issued the *2012 Jewelers Guide to Tucson Treated & Created Gems*, later relabeled as simply the *2012 Jewelers Guide to Treated & Created Gems* describing a wide variety of gems that were being treated. American gem dealer, Jeffery Bergman, wrote a review of this book, detailing some of the shortcomings^[3].

References

- ¹ ^ **Federman**, David, "Guerilla Gemology," *Colored Stone*, January-February 2009, p.4
- ² ^ Arem, Joel, "Ending Diffusion Confusion," *Colored Stone*, June 2009, p.20
- ³ ^ Primagem website (<http://www.primagem.com/WSG-Treatments-Guide.pdf>)

External links

- **International School of Gemology** (<http://www.schoolofgemology.com/>)

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Categories: Gemology

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