better understanding of the mathematical properties of the new discovery than expected. When we drew the first image of 3D quasi-Fuchsian Fractals, we though that a three dimensional computer graphic is worth than a thousand words. Now we can say that a three dimensional sculpture is worth than a thousand computer graphics.

As future work if cost permitted, more challenges can be done for much better understanding of the mathematical properties. Complicated surface consisting of infinite number of cusps could be more approximated if more amount of much sharper cusps were materialized by recent direct manufacturing in lower pitch. Observer could use magnifying glasses to see more detail structure of the surface in the same way to observe natural

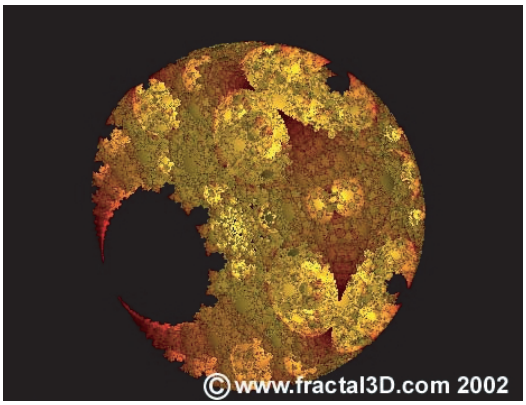

Fig. 1. Computer graphics of limit sets of three dimensional quasi-Fuchsian groups.

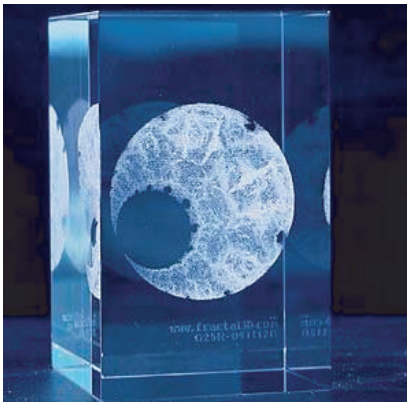

Fig. 2. Glass model of 3D quasi-Fuchsian fractal with Laser Induced Damage Image.

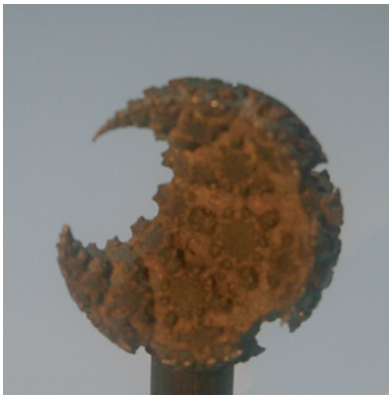

Fig. 3. Cupper model of 3D quasi-Fuchsian fractal with inkjet based 3D printer and lost wax investment casting.

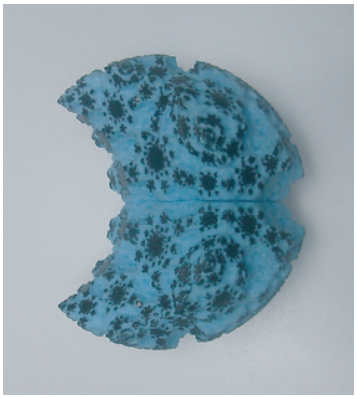

Fig. 4. Plastic model of 3D quasi-Fuchsian fractal with selective laser sintering technique and electroformed molds.