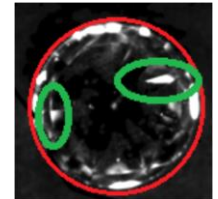
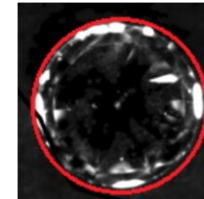
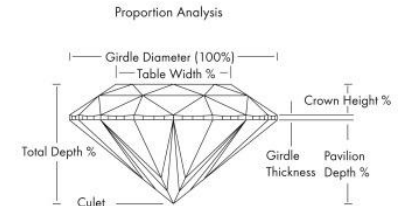
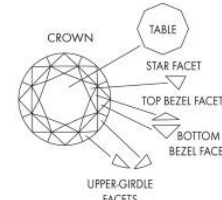
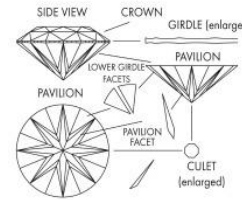


Challenge

Development of a solution for automatic quality classification of cubic zirconia gemstones.

Digital image processing

- Find an optimal digital image representation of a synthetic gemstone.
- Detect possible defects based on image properties.



Benefits

The company obtained a fast, fully automatic and highly accurate classification software. The research led to design of an innovative application driven solution.



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