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Computer-Aided Inspection is the process of taking physically produced parts and comparing the geometry to the original CAD model to ensure the finished product matches up with the designed part. Traditionally, production lines would measure one part out of a large batch and use that information in the part quality check.

Computer-aided inspection - Wikipedia

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Computer Aided Inspection - Learn Mechanical Engineering

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Engineering Metrology - D. M. Anthony - Google Books

Computer-aided inspection planning (CAIP) has gained significant research attention in the last years. So far, most CAIP systems have focused on the use of a touch probe mounted on a coordinate measuring

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machine (CMM). This article investigates multisensor measurement aiming to perform automatic and efficient inspection plans.

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