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1. Signal processing \Rightarrow It focuses on analyzing, modifying, and synthesizing signals such as sound, images, and scientific measurements. Signal processing techniques can be used to improve transmission, storage efficiency and subjective quality and also emphasize or detect components of interest in a measured signal.

2. Interfacing techniques \Rightarrow

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2. Expert System Instrumentation

Expert systems utilize the knowledge of experts to set up custom-tailored equipment and computerized food safety systems and solutions, such as a programmed data logger and/or apps for establishing sanitary transportation settings and limits for specific types of food with unique - sanitary food transportation requirements.

Simply from the name and definition of "expert systems" above, expert system instrumentation is using an expert system designed to measure specific or various parameters that are given or presented.