MATERIALS ASSURANCE THROUGH ORTHOGONAL MATERIALS MEASUREMENTS

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Concern over counterfeit and adulterated products and materials is growing. Methods of assurance based merely on meeting a specification may fail to find an undesirable material change, whether unintentional or nefarious. We approach this problem from a different perspective: measure an orthogonal set of materials properties and utilize statistical models to test whether the material you have is what the provider purports it to be. We will present results of this materials assurance scheme including data collection and analysis.

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