

## List of Questions Discussed in Discussion Session – ESA-Lecture 41

(Refer Video Time 00:00:12)

How does the handedness change when the relative retardation is modified?

(Refer Video Time 00:05:35)

Fringe ordering is one of the important aspects in photoelasticity as we saw from this course. Just we want to know what additional precautions we have to take so that we don't miss the correct ordering or is there any way to validate what we do.

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What are the fringe thinning methods and what are the various algorithms involved in it?

(Refer Video Time 00:24:59)

How does the photoelastic strain gauge work?

(Refer Video Time 00:26:17)

In that case will the thickness of the quarterwave plate and polarizer be sufficient to give the required retardation and to get enough fringe orders?

(Refer Video Time 00:28:17)

How do we select the suitable gauge length for a given class of problems?

(Refer Video Time 00:34:05)

When installing the strain gauge why are we rubbing at 45 degrees by using emery paper?

(Refer Video Time 00:35:49)

In determination of boundary stresses what difference does it make when you place the tensile specimen parallel to the model or perpendicular to the model?

