**Prompt for interface A (video)**

The following questions ask you to find a location of specific information in the lecture. Please indicate your answer by indicating the time in the video (e.g. 3:08). Please indicate the start time of where the specific information is mentioned.

**Prompt for interface B (ours)**

The following questions ask you to find a location of specific information in the lecture. Please indicate your answer by indicating the beginning of the sentence or phrase in the transcript, where the specific information is mentioned.

Search Task Questions

**Proving Trigonometry Formulas from Euler’s Formula (Lee Stemkoski)**

1. Find the point in the lecture where it introduces the property that ‘if two complex numbers are equal its real and imaginary parts must be equal.’

2. Find the point in the lecture where the double angle formula for is introduced.

3. Find the point in the lecture where the property that ‘ is an even function’ is used.

4. Find the point in the lecture where the equation for the angle sum formula is stated.

Search Task Questions

**Fundamental Theorem of Calculus (Khan Academy)**

1. Find the point in the lecture where it introduces an example problem to apply the fundamental theorem of calculus.

2. Find the point in the lecture where it introduces a point *x* inside the domain [*a*,*b*] of function *f*.

3. Find the point in the lecture where the property that ‘every continuous function has an antiderivative’ is stated.

4. Find the point in the lecture where the area under the curve of function is written out as an equation.

Search Task Questions

**Moment Method Estimation (Machine Intelligence Wiki)**

1. Find the point in the lecture where the equation for the sample mean () is introduced.

2. Find the point in the lecture where the quadratic formula is used to derive an expression for *b*.

3. Find the point in the lecture where an expression is identified as the variance of the sample.

4. Find the point in the lecture where ‘*a’* is substituted by a different expression in another equation to get an equation in terms of ‘*b*.’

Search Task Questions

**Uniform Distribution (Actuarial Path)**

1. Find the point in the lecture where the equation for the Moment Generating Function of X, is introduced.

2. Find the point in the lecture where the for x > b is stated for the first time without derivation.

3. Find the point in the lecture where the height of the graph of f(x) is denoted with variable h for the first time.

4. Find the point in the lecture where for a<x<b is expressed as an integral.