

# Vågrörelselära, HT2009

## FYSA11

**Kurslitteratur: H.Benson; University Physics**

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Chapter 15 (15.1 – 15.3)	Oscillations
Chapter 16	Mechanical Waves
Chapter 17	Sound
Chapter 34 (34.3, 34.4 and 34.7)	Maxwell's Equations, Electromagnetic Waves
Chapter 37	Wave Optics (I)
Chapter 38 (38.1 – 38.7)	Wave Optics (II)
	Räkneövningar

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**Lämpliga räkneproblem (P = *problem*, E = *exercise*):**

<b><u>16:</u></b> <u>P</u> 1, 3, 7	<u>E</u> 5, 9, 15, 19, 21, 23, 27, 29, 33, 37, 41
<b><u>17:</u></b> <u>P</u> 1, 3, 9	<u>E</u> 5, 7, 13, 15, 17, 21, 23, 25, 27, 29, 31, 33, 35, 37, 39, 41, 43, 45
<b><u>34:</u></b>	<u>E</u> 11, 13, 17
<b><u>37:</u></b> <u>P</u> 1, 5, 7, 11, 13	<u>E</u> 1, 3, 7, 27
<b><u>37:</u></b> <u>P</u> 3	<u>E</u> 1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 31

**Evert Stenlund**