Notes on Epicyclic Gearing

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1 Introduction

$$\text{GR} = \frac{\text{Number of Teeth on the Driven Gear}}{\text{Number of Teeth on the Driver Gear}}$$

One Metonic Cycle	=	19 tropical years	# 6,939.602 days
	≈	235 synodic months	# 6,939.688 days
	≈	254 sidereal months	# 6,939.702 days
	≈	255 draconic months	# 6,939.116 days

Figure 1: The Metonic Cycle [**?**]

2 Acknowledgements