## Part IB — CATAM Things

Based on lectures by Prof. Christopher Turnbull Notes taken by Christopher Turnbull

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## 0 Introduction

 ${\rm CATAM~prep}$ 

$$\frac{y-x}{y-a} = \frac{(y-a) - (x-a)}{y-a}$$
$$= \frac{\psi(b-a) - (1-\psi)(b-a)}{\psi(b-a)}$$
$$= \frac{2\psi - 1}{\psi}$$