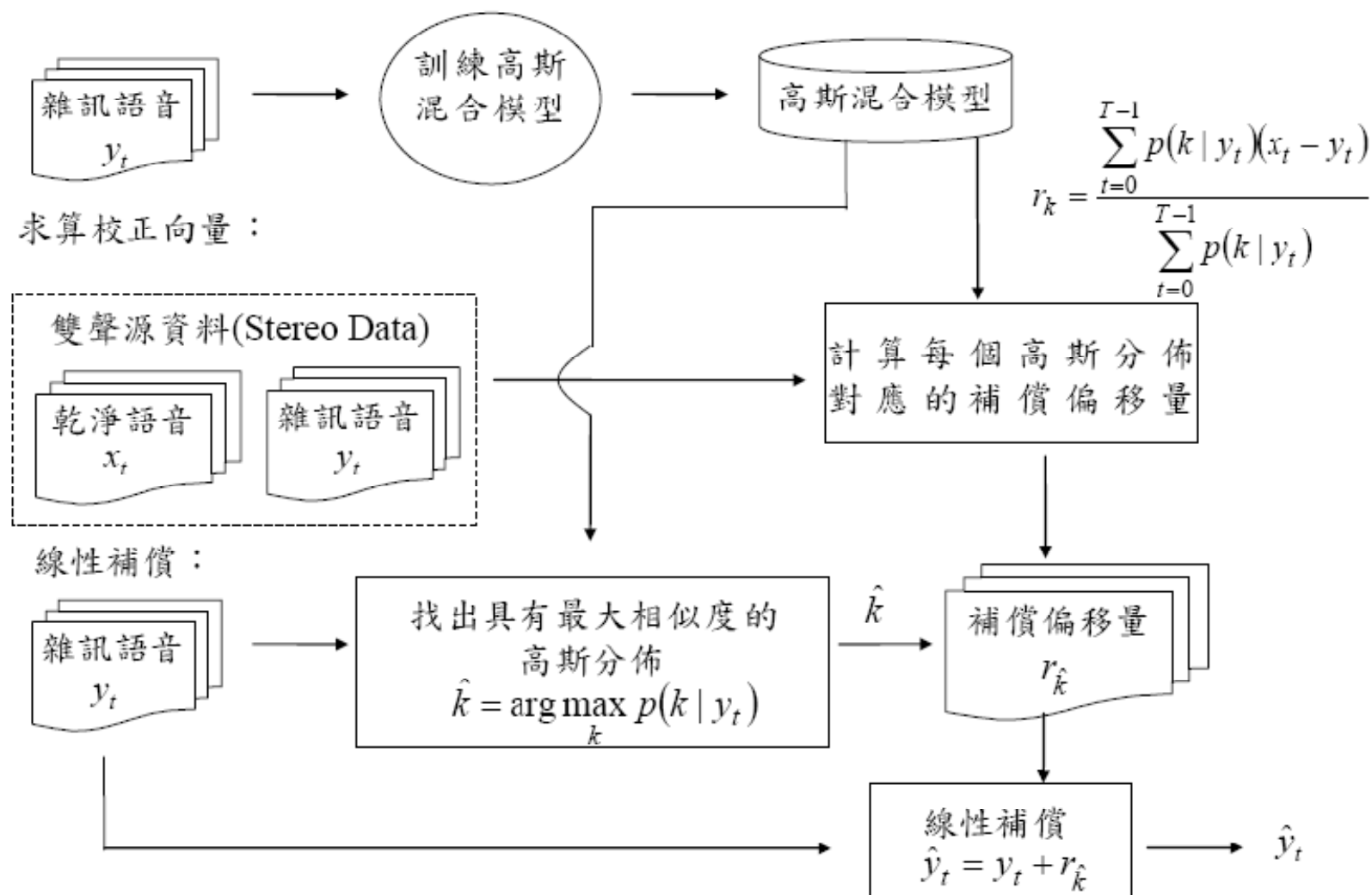


進度報告

學生：許峰閣



- 做完GMM訓練後補償公式爲下

$$\hat{\mathbf{x}}_{\text{MMSE}} = \mathbf{y} + \sum_s p(s|\mathbf{y}) \mathbf{r}_s$$

$$\mathbf{r}_s = \frac{\sum_n p(s|\mathbf{y}_n) (\mathbf{x}_n - \mathbf{y}_n)}{\sum_n p(s|\mathbf{y}_n)}$$

$$p(s|\mathbf{y}_n) = \frac{p(\mathbf{y}_n|s)p(s)}{\sum_s p(\mathbf{y}_n|s)p(s)}$$

實驗結果

- 對training set 做補償,也對testset做補償
- Multitrain testset A (N1SNR5)
- Baseline : accuracy = 88.42
- SPLICE : accuracy = 86.34