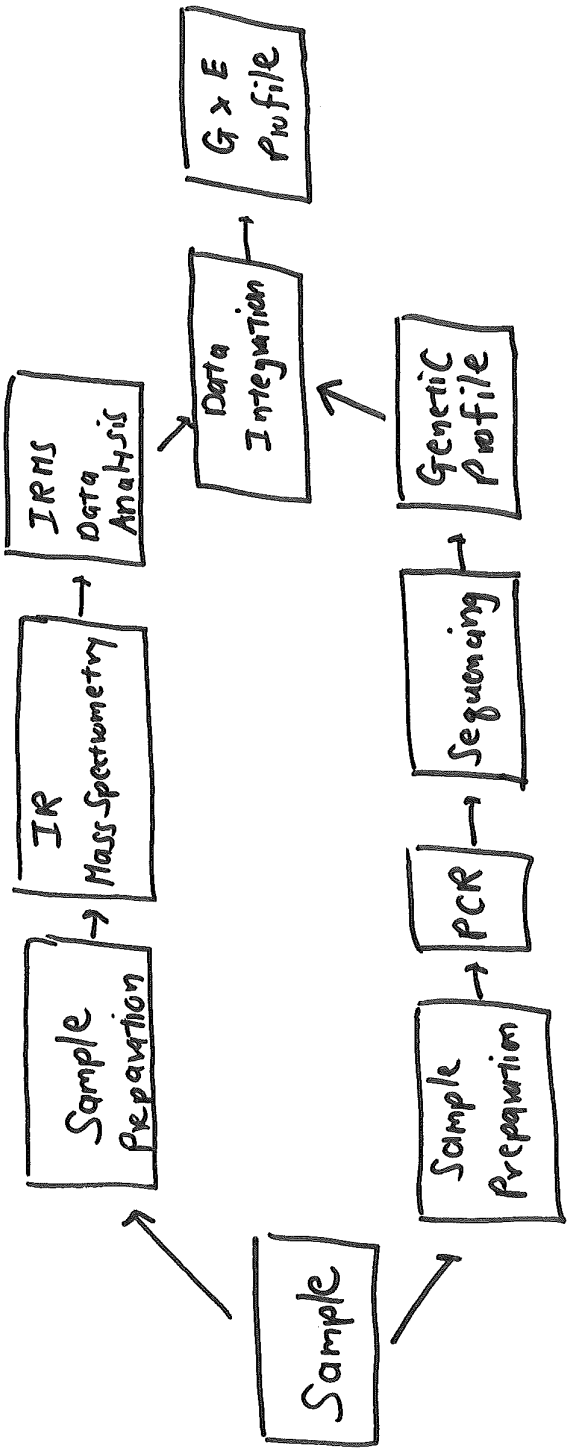

Sample
Sample Preparation
IR Mass Spectrometry
IRMS Data Analysis
Sample Preparation
PCR
Sequencing
Genetic Profile
Data Integration
G x E Profile

FIG. 1

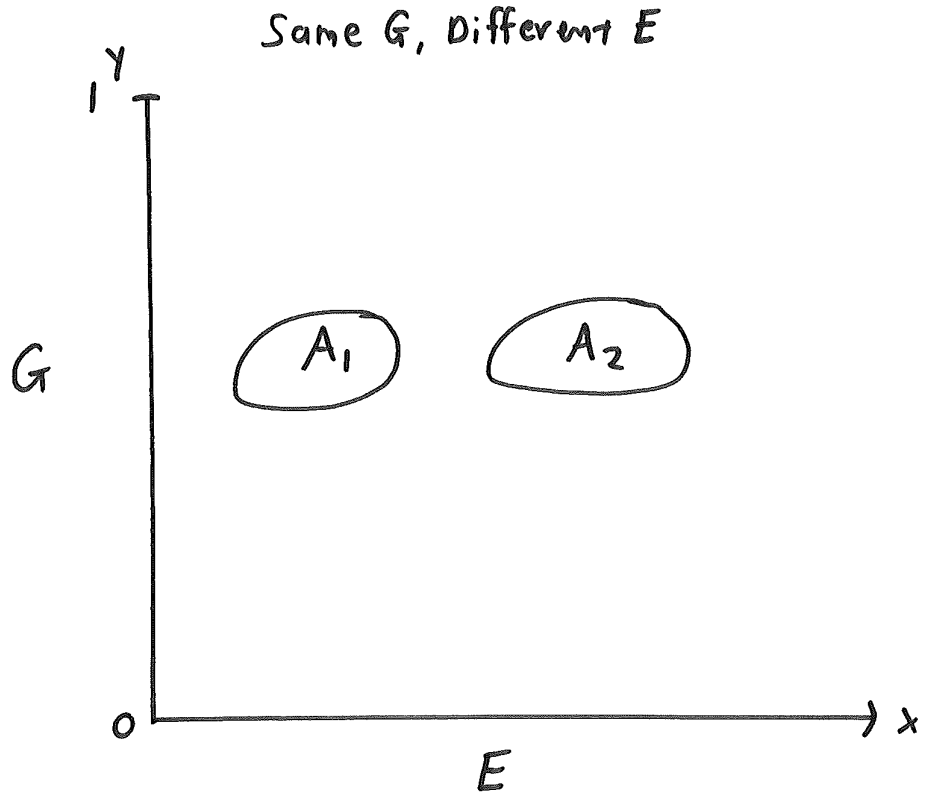


FIG. 2A

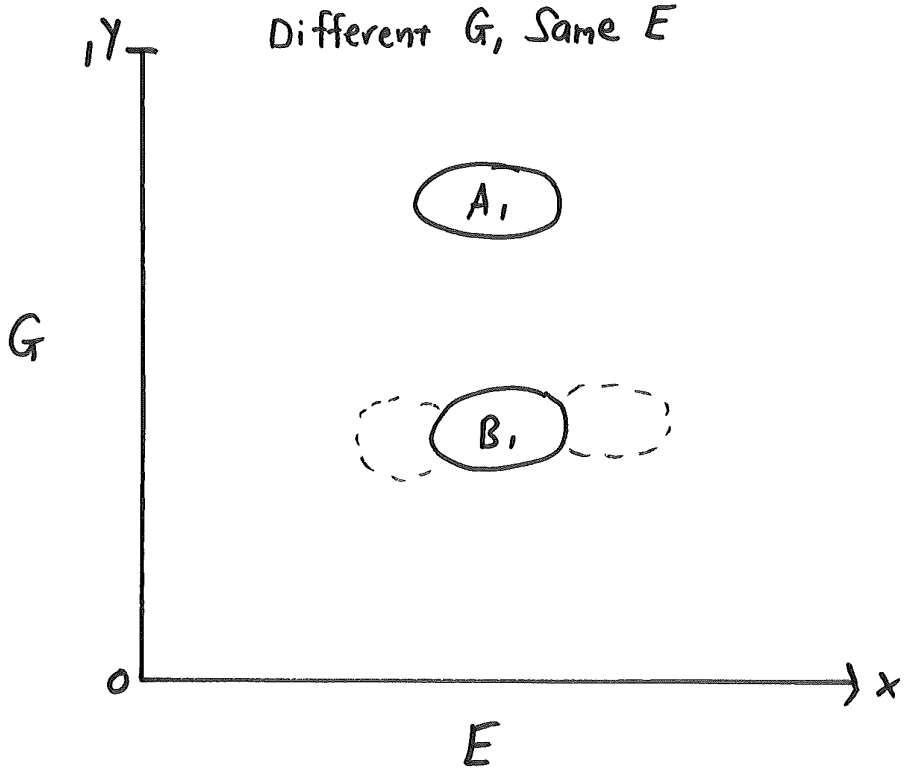


FIG. 2B

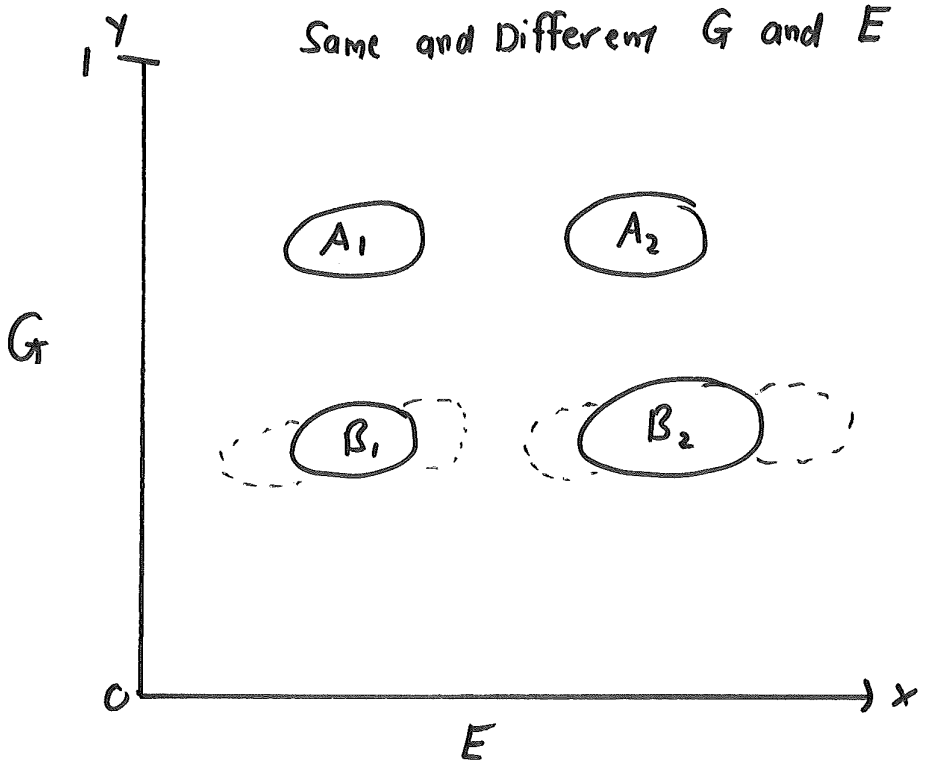


FIG. 2C

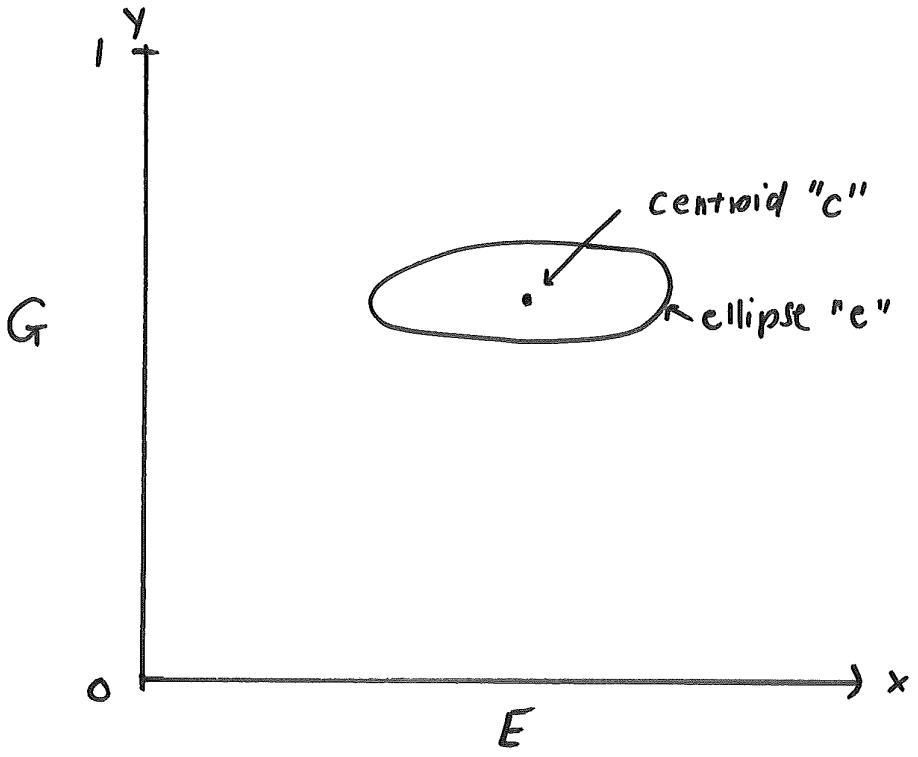


FIG. 3

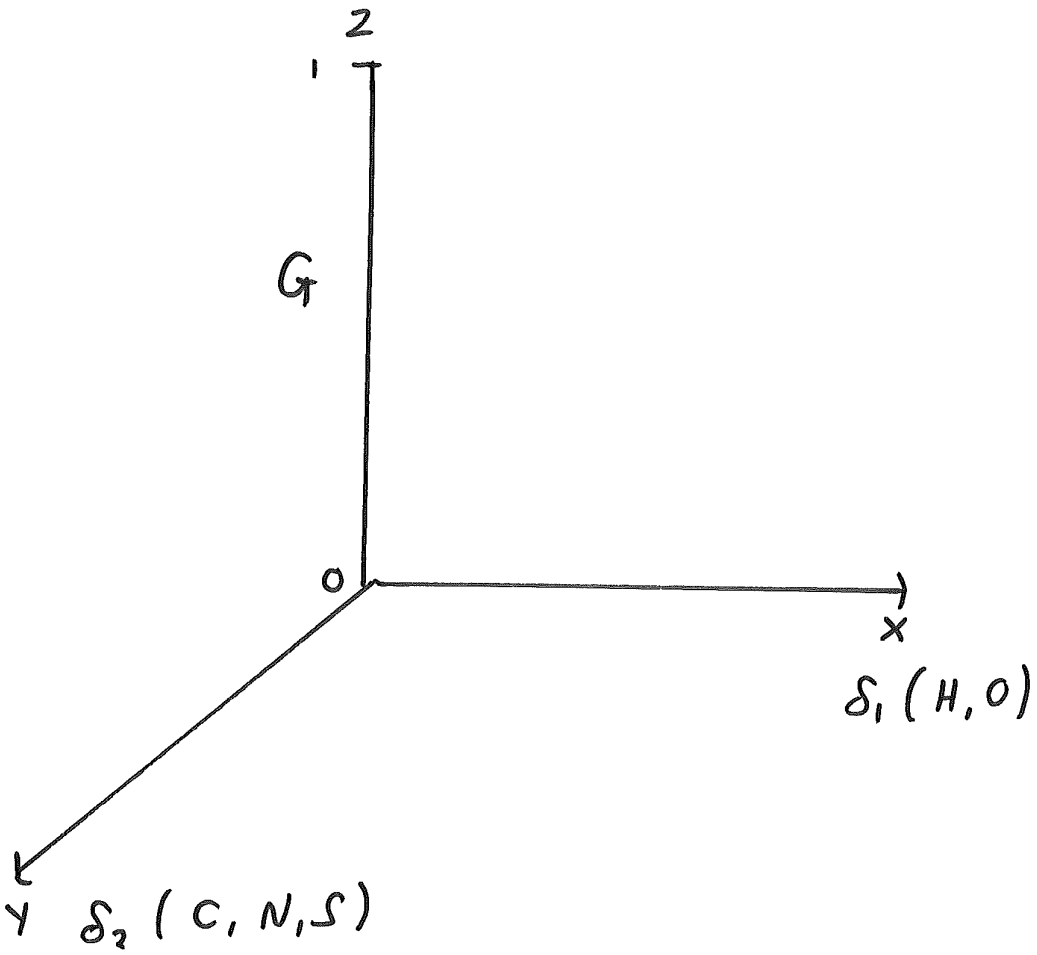


FIG. 4

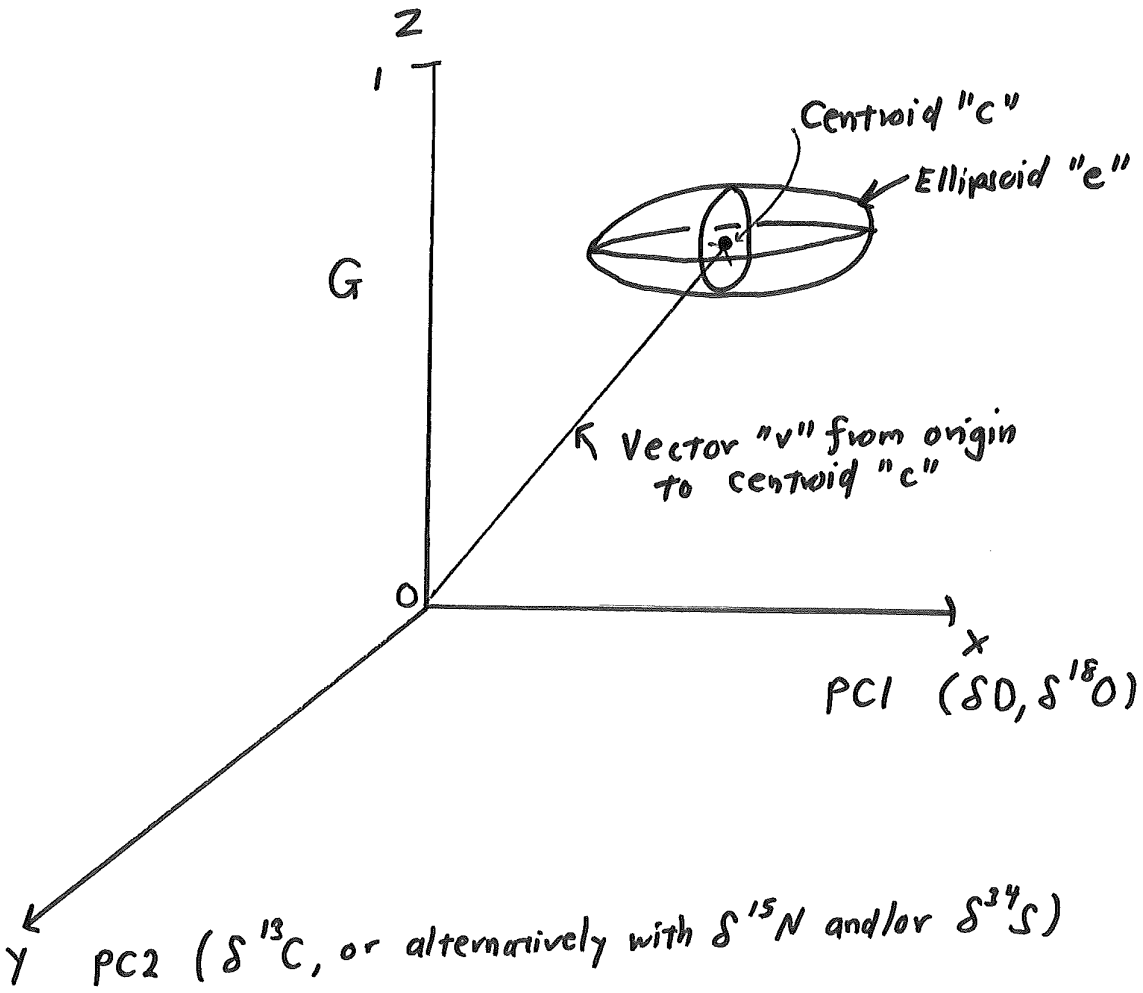

Z
1
G
Centroid "c"
Ellipsoid "e"
Vector "v" from origin to centroid "c"
0
X
PC1 (δD, δ18O)
Y
PC2 (δ13C, or alternatively with δ15N and/or δ34S)

FIG. 5

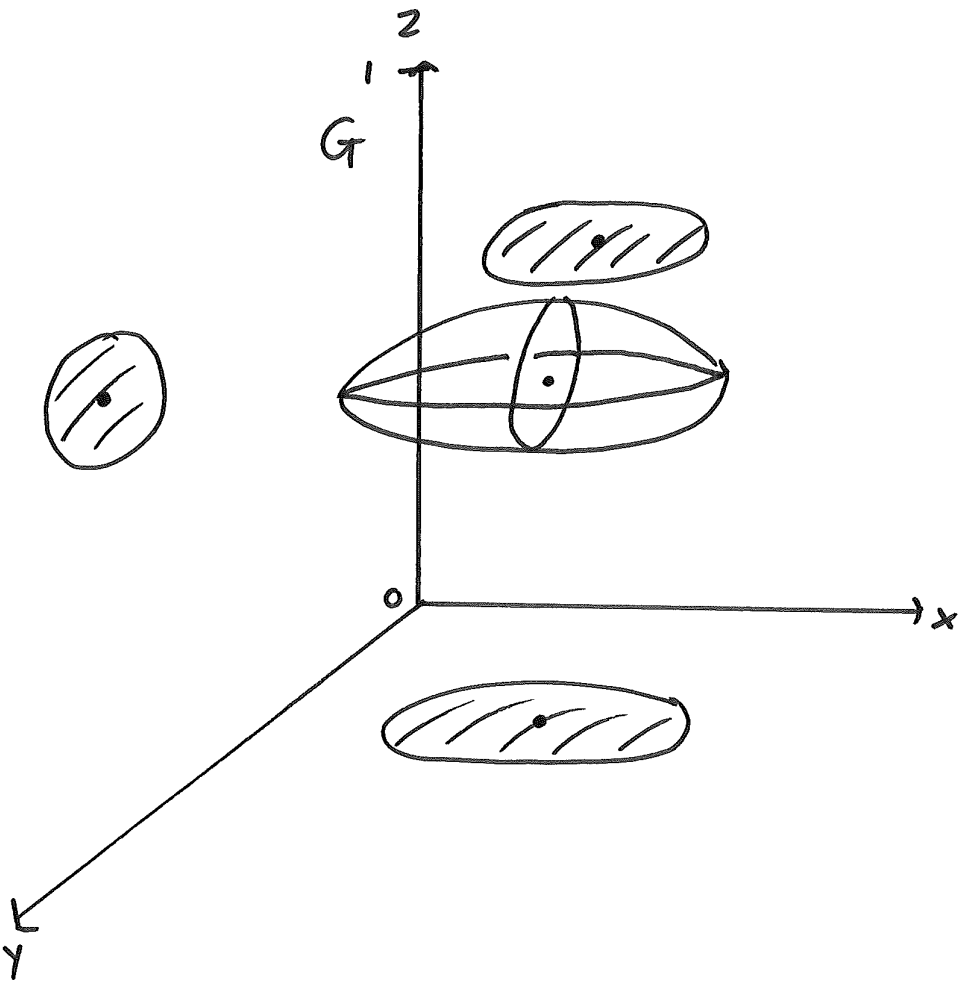


FIG. 6