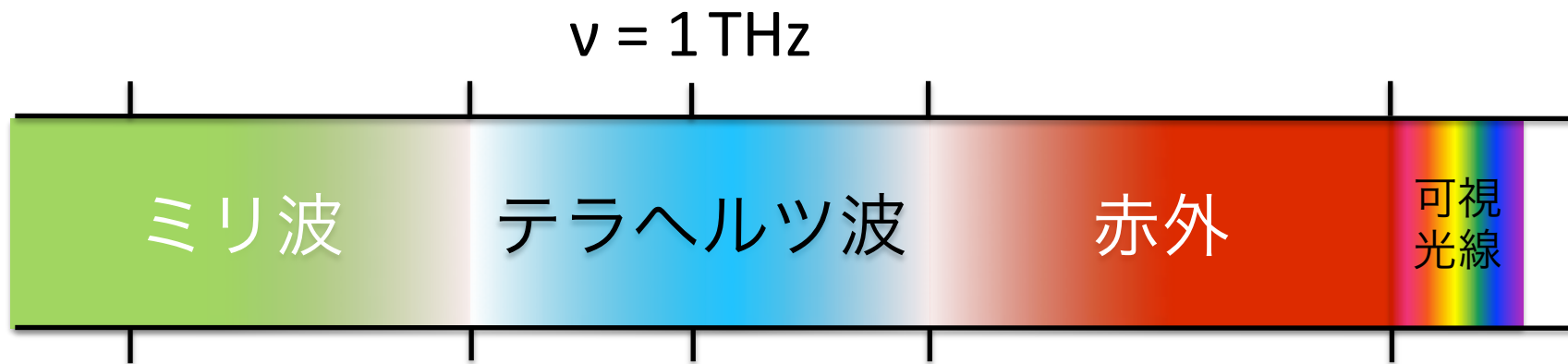
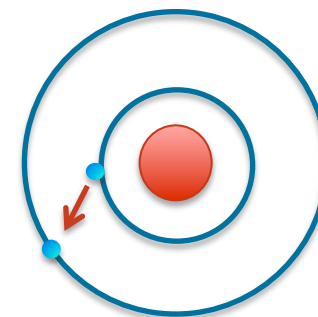
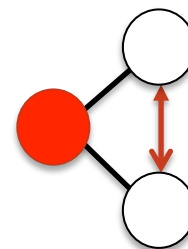


テラヘルツ波とは?



$\lambda = 300 \mu\text{m}$

?

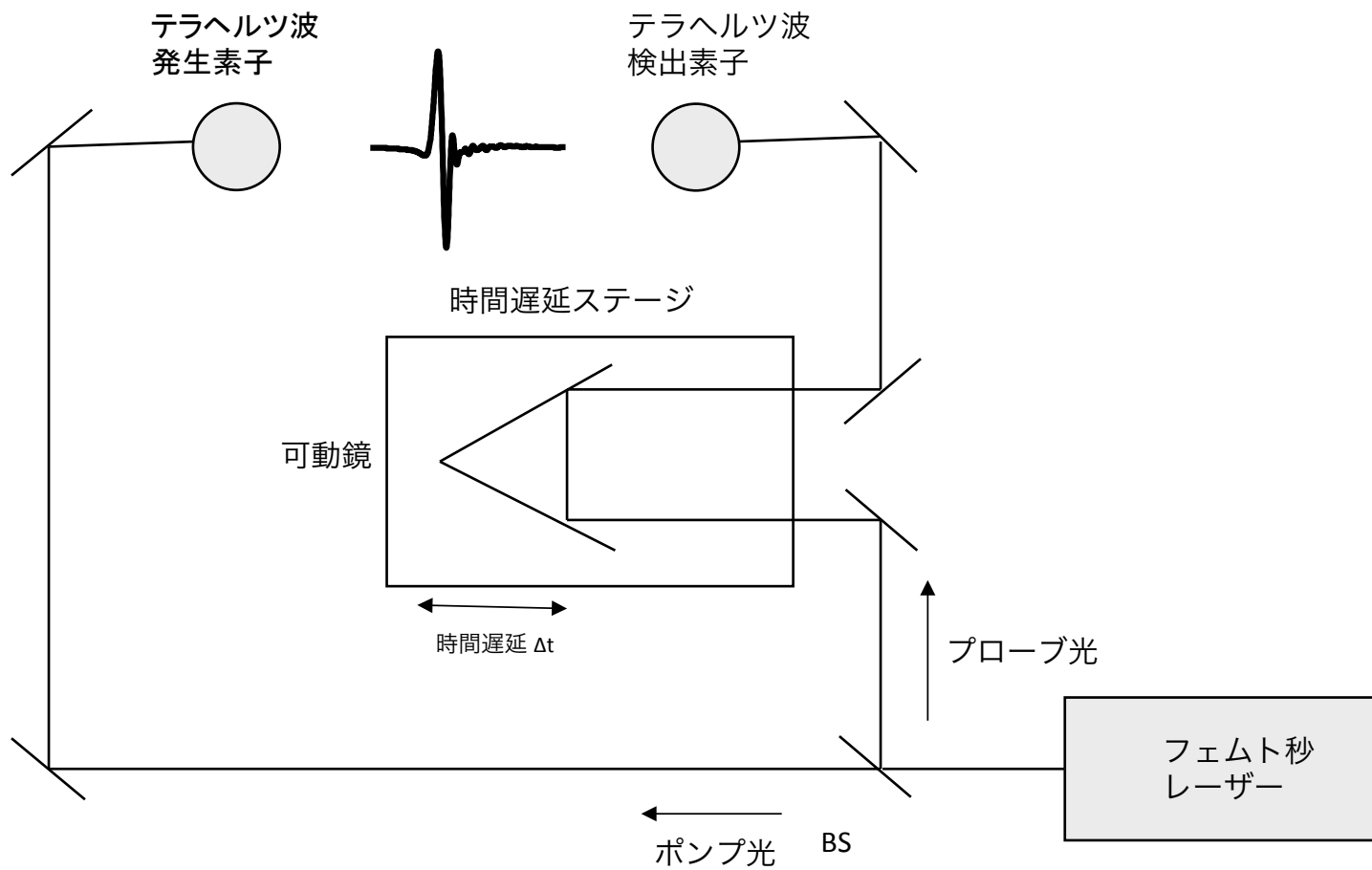


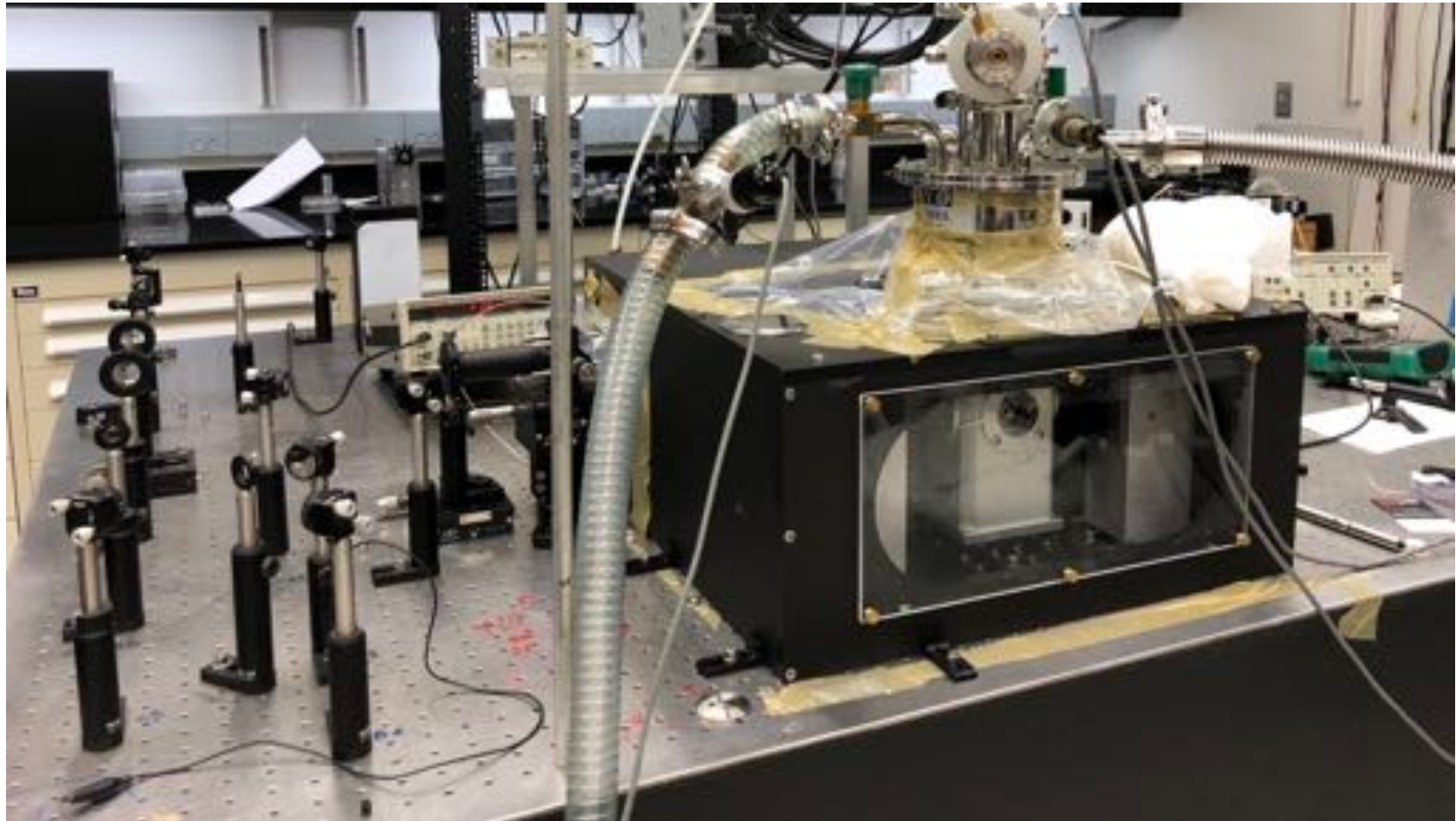
結晶の格子振動・分子のねじれ振動
etc...

分子振動・回転

- $\tilde{\nu} = 33 \text{ cm}^{-1}$
- $h\nu \approx 4 \text{ meV}$

THz-TDSの基本構成





測定したペプチドとその結果

No.	4	13	25	27
ペプチドの配列	Boc-Dmaa- ^D Pro-Acpc-Leu-OMe	Boc-Dmaa- ^D Pro-Acpc-Phe-OMe	Boc-Dmaa- ^D Pro-Aib-Leu-OMe	Boc-Dmaa- ^D Pro-Aib-Phe-OMe

