

1875



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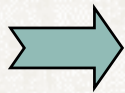
6.

7.

8.

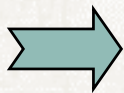


가



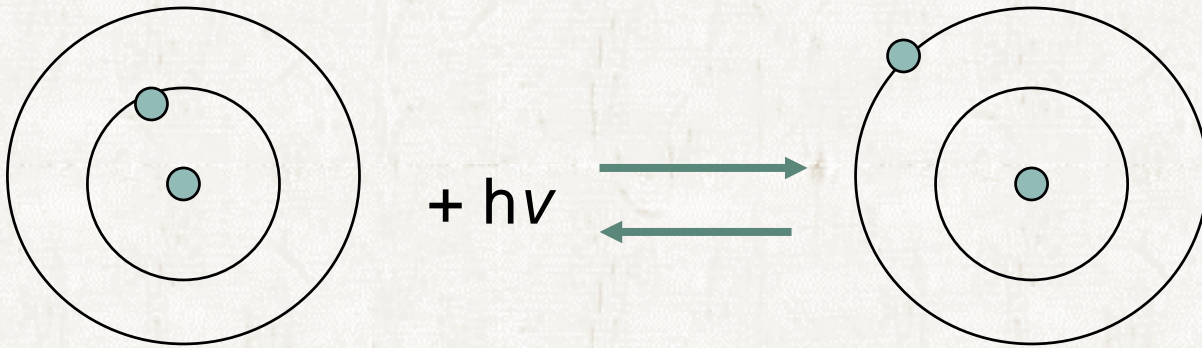
( Atomic absorption)

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( Atomic emission)

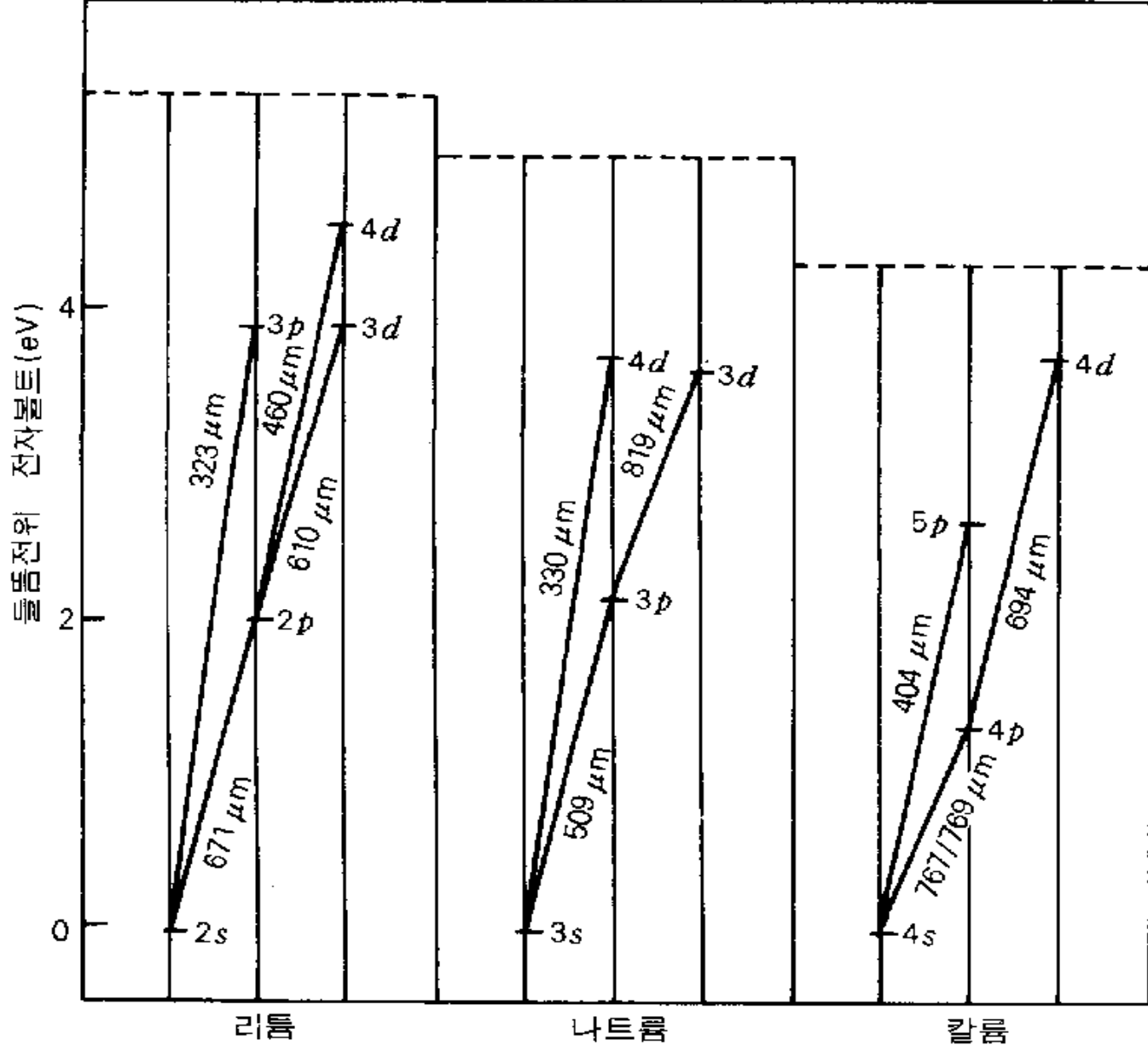
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***(Resonance line)***

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3000

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4000

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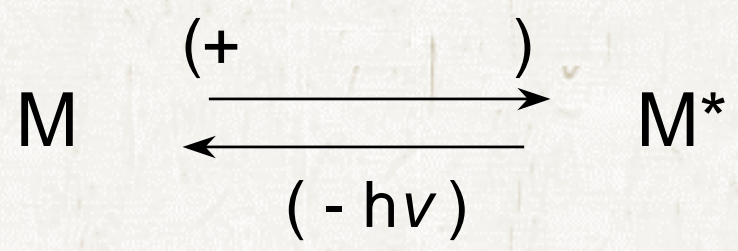
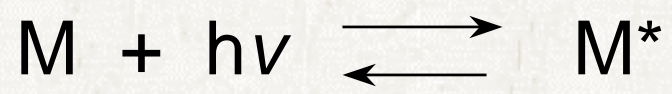


Atomic absorption spectroscopy

Atomic fluorescence spectroscopy

Atomic emission spectroscopy





# Doppler broadening

표 2.4 스펙트럼선의 Doppler 넓이

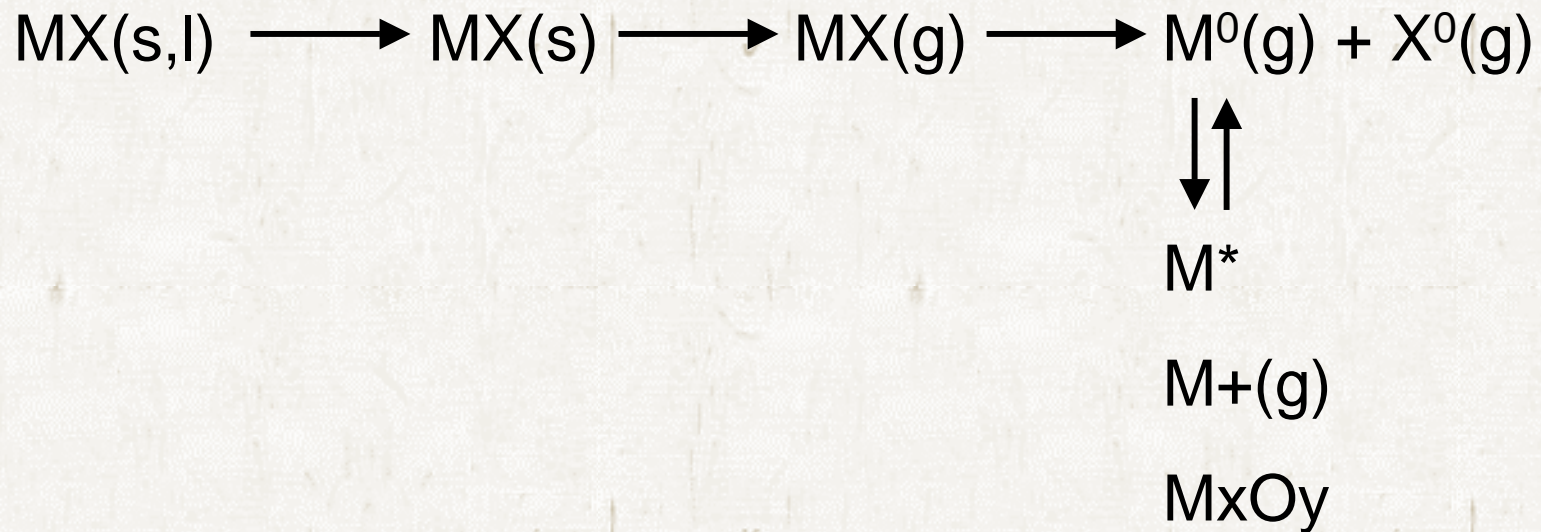
원 소	파 장 (nm)	$\Delta\lambda_D(\text{nm})$		
		1000 K	2000 K	3000 K
Na	589.0	0.0028	0.0039	0.0048
Cu	324.7	0.00092	0.0013	0.0016
Zn	213.9	0.0060	0.00085	0.0010



# ***Pressure broadening***

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# Effect of Temperature



# *Effect of Temperature*

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[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

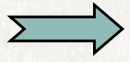


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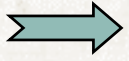
가







원소	이온화전위(eV)	2,200K	2,450K	2,800K
Cs	3.89	28.3	69.6	96.4
Rb	4.18	13.5	44.4	89.6
K	4.34	2.5	31.9	82.1
Na	5.14	0.3	5.0	26.4
Li	5.39	0.01>	0.9	16.1
Ba	5.21	1.0	8.6	42.8
Sr	5.69	0.1>	2.7	17.2
Ca	6.11	0.01>	1.0	7.2



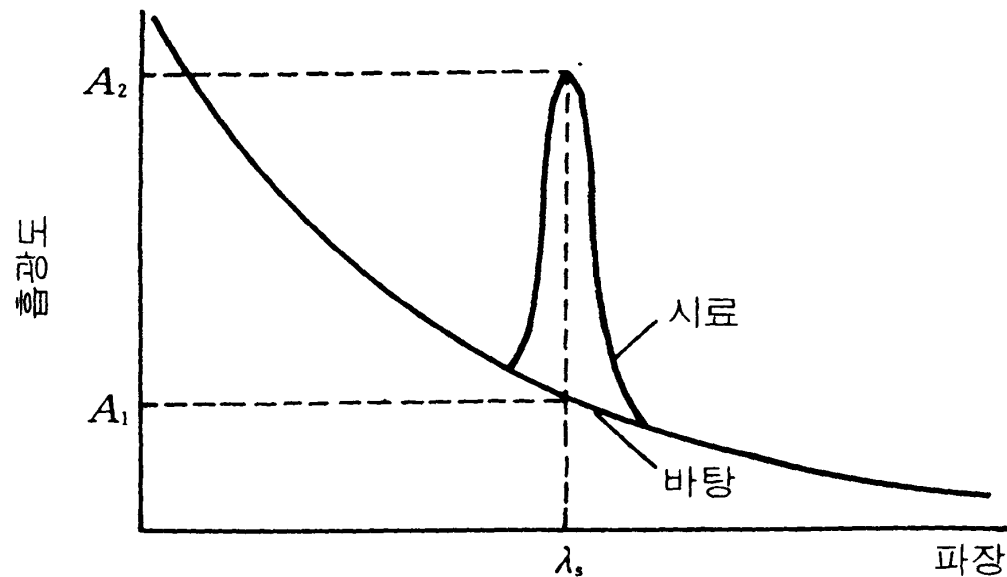
[REDACTED]

- , ,

# ***Background correction***

***Zeeman***

# Background correction



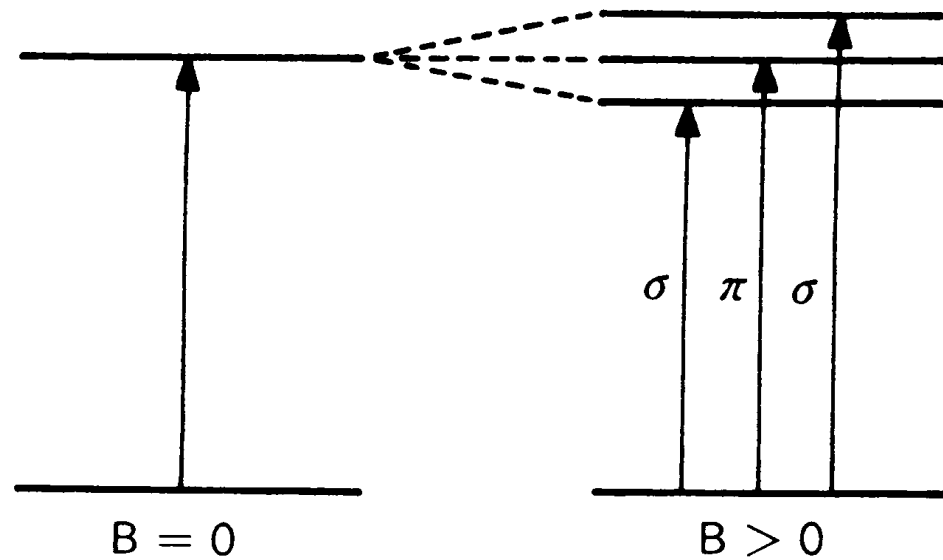
# *Background correction*

*Zeeman*



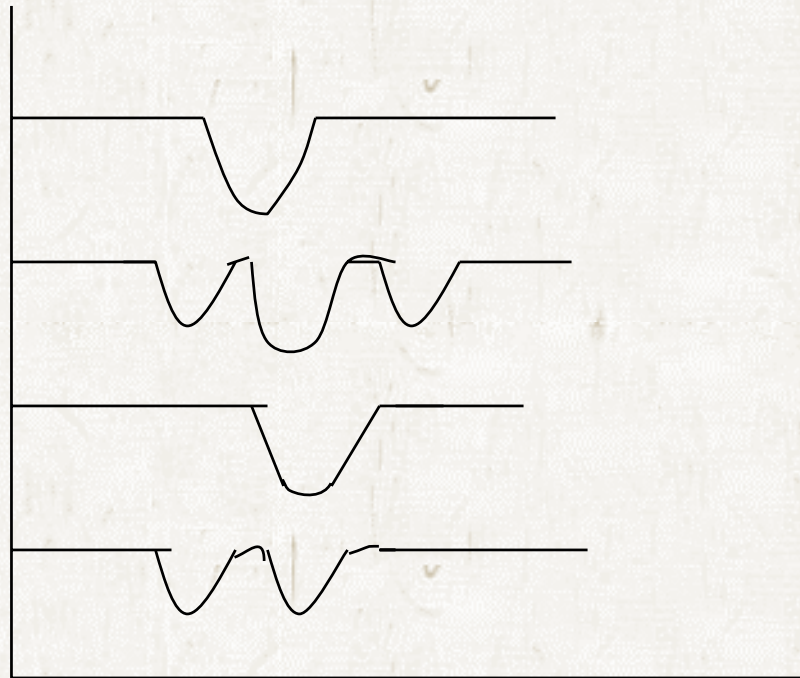
# Background correction

## Zeeman



# *Background correction*

## *Zeeman*







[REDACTED]

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[REDACTED]

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