Phosphorous Acid

Ion

Phosphite

H^{+1} PO_3^{-3}

H_3PO_3

Apr 18-9:26 AM

Bromous

Bromite

$H^{+1}BrO_2^{-1}$

$HBrO_2$

Chlorous (chlorite)

ClO_2^{-1}

Apr 18-9:35 AM

Iodic → Iodate

Chloric → Chlorate

IO_3^{-1} ClO_3^{-1}

Same group- Similar Prop.

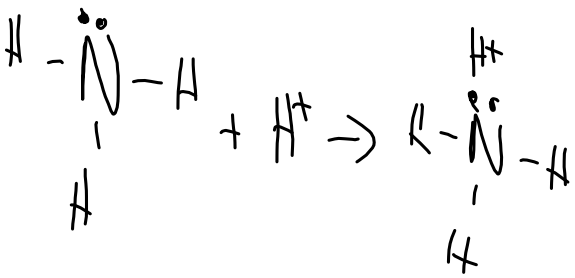
Apr 18-9:39 AM

$NH_{3(aq)}$ = Ammonium Hydroxide

(H_2O)

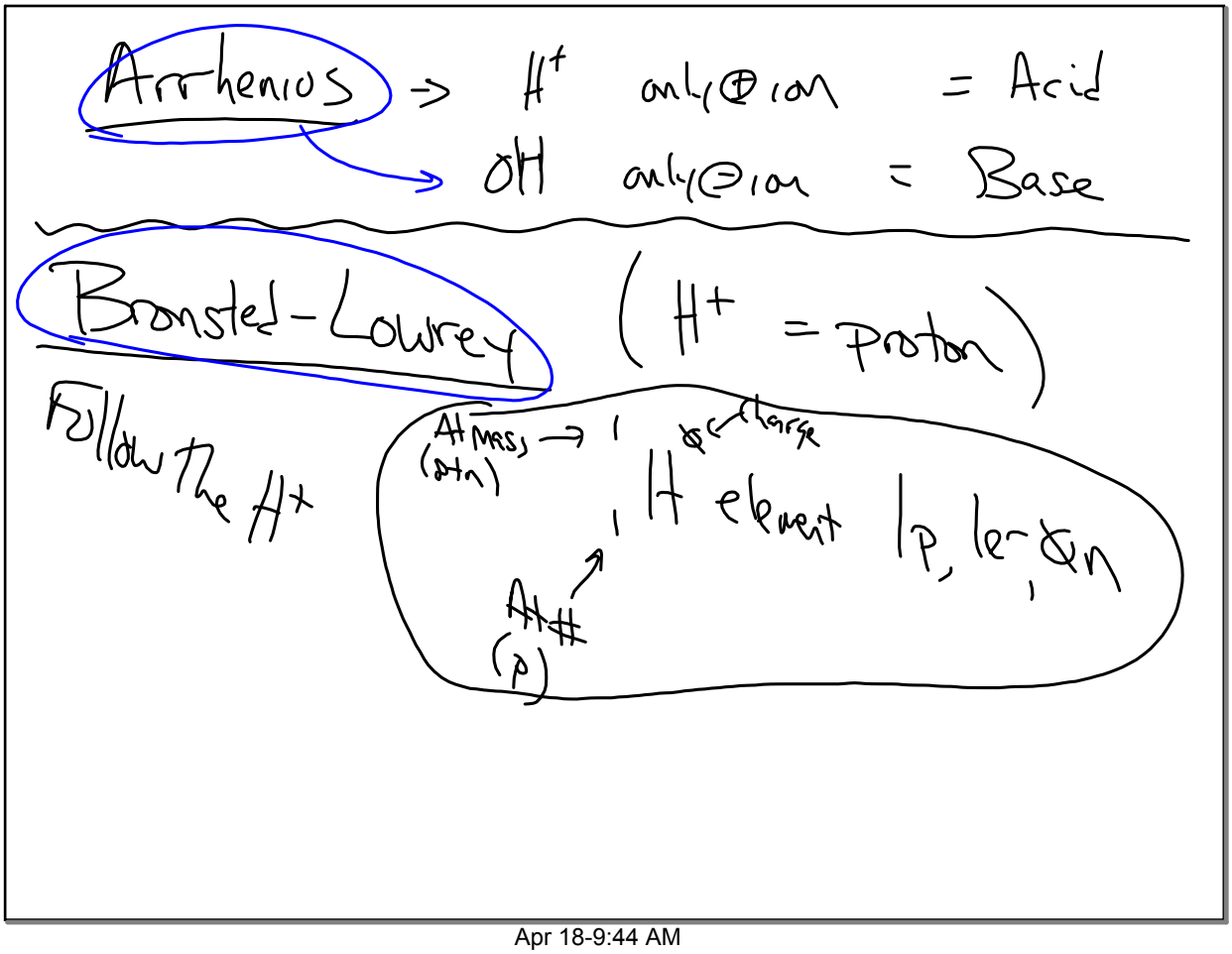
$NH_3 + HOH \rightarrow$ NH_4^+ OH^-

NH_4OH

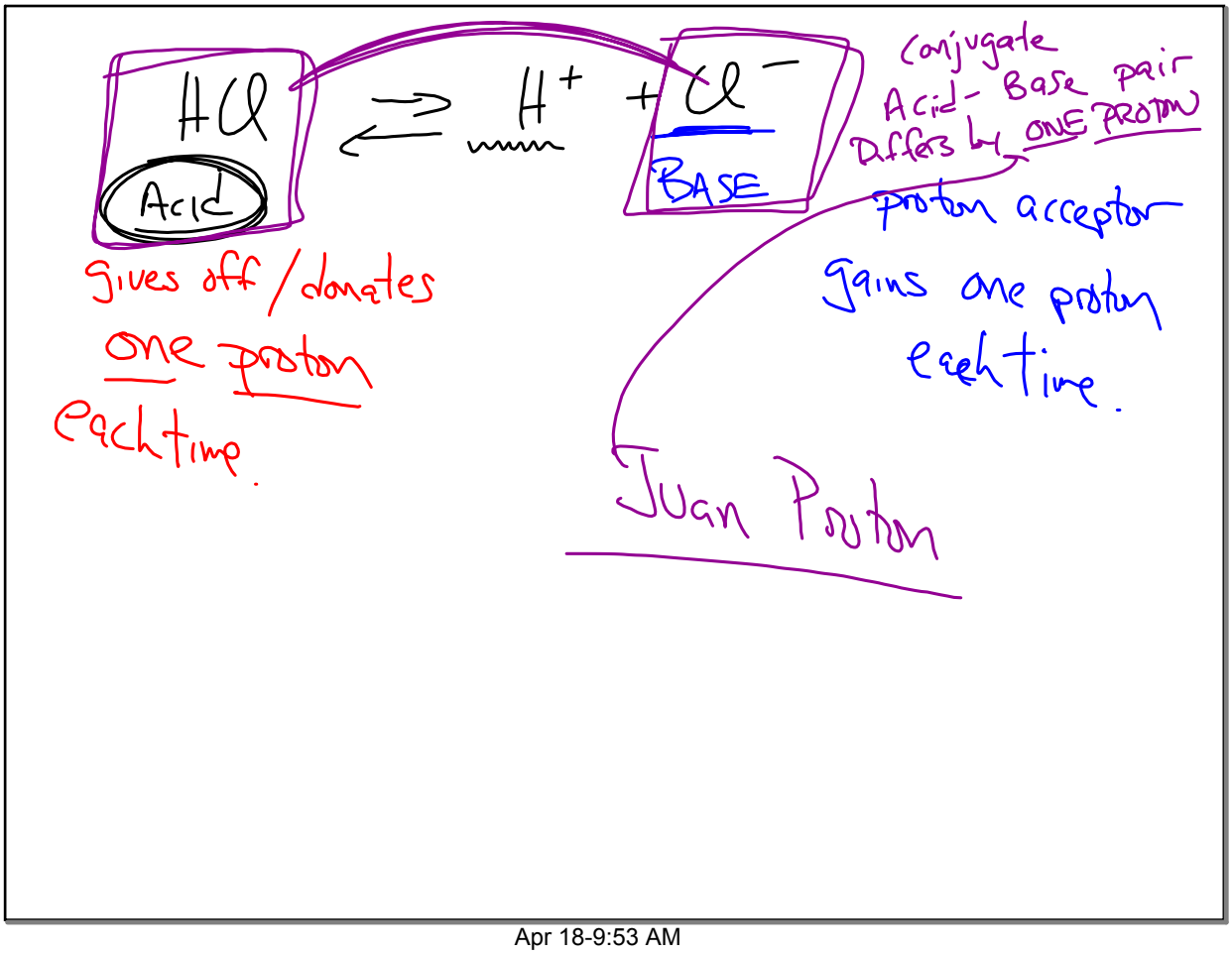


coordinate covalent bond.

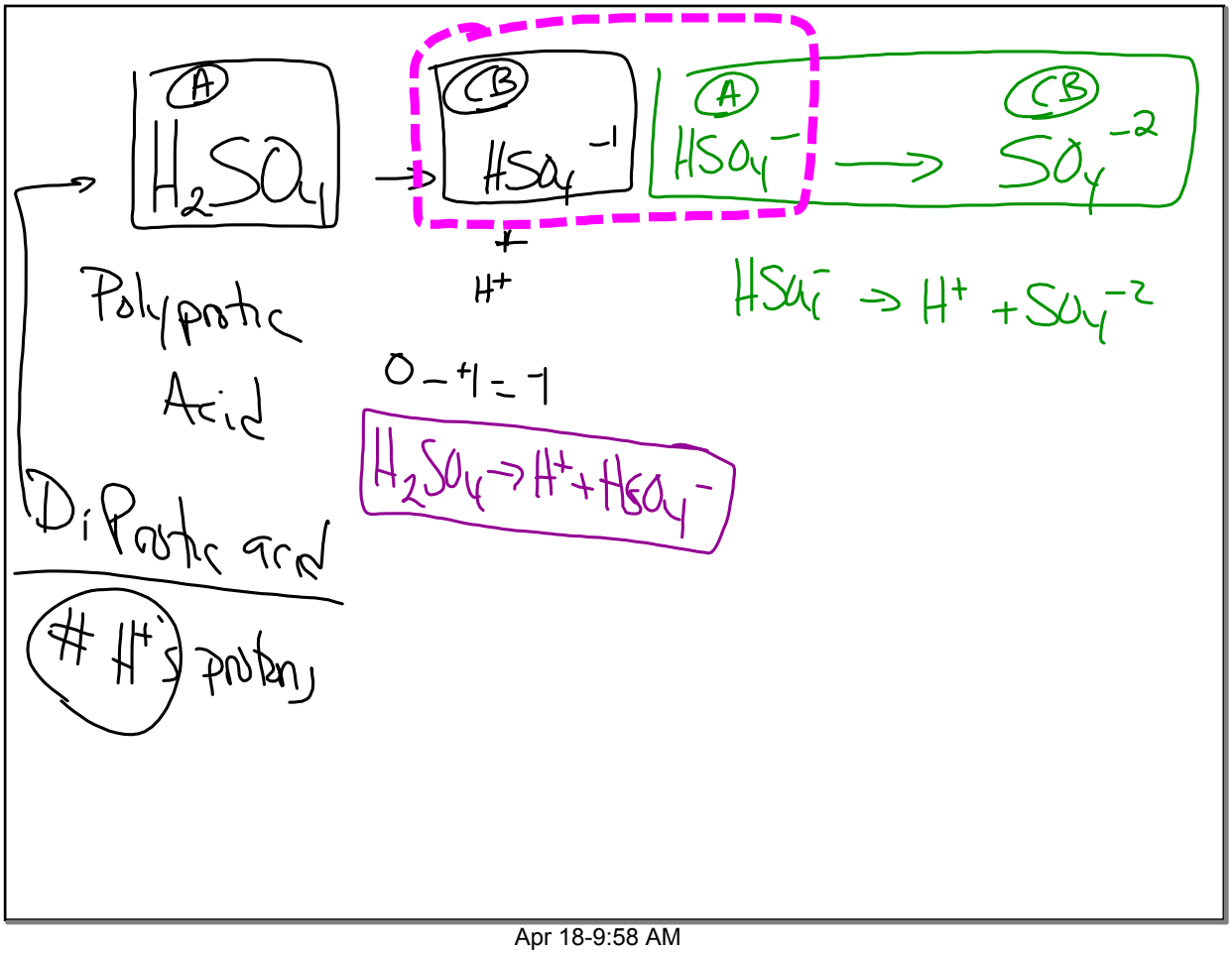
Apr 18-9:41 AM



Apr 18-9:44 AM



Apr 18-9:53 AM


A
H_2SO_4
CB
HSO_4^{-1}
A
HSO_4^-
CB
SO_4^{-2}
H^+
$HSO_4^- \rightarrow H^+ + SO_4^{-2}$
Polyprotic
Acid
0 − +1 = −1
$H_2SO_4 \rightarrow H^+ + HSO_4^-$
Di Protic acid
H^+'s protons

Apr 18-9:58 AM