Testing hepnicenames

Generated by andy

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1 Normal font

- \hepnicenames ⇒ hepnicenames
- $\backslash PB \Rightarrow B$
- $\backslash PBpm \Rightarrow B^{\pm}$
- $\backslash PBmp \Rightarrow B^{\mp}$
- $\backslash PBplus \Rightarrow B^+$
- \PBminus $\Rightarrow B^-$
- \PBzero $\Rightarrow B^0$
- $\PBstar \Rightarrow B^*$
- $\bullet \ \backslash \mathrm{PBd} \Rightarrow B^0_d$
- $\PBu \Rightarrow B^+$
- \PBc $\Rightarrow B_c^+$
- $\bullet \ \backslash {\tt PBs} \Rightarrow B^0_s$
- \APB $\Rightarrow \bar{B}$
- \APBzero $\Rightarrow \overline{B}^0$
- \APBd $\Rightarrow \bar{B}_d^0$

- $\APBu \Rightarrow B^-$
- \APBc $\Rightarrow B_c^-$
- $\bullet \ \backslash {\rm APBs} \Rightarrow \bar{B}^0_s$
- $\backslash PK \Rightarrow K$
- $\backslash PKpm \Rightarrow K^{\pm}$
- $\bullet \ \ \backslash \mathtt{PKmp} \Rightarrow K^{\mp}$
- $\PKplus \Rightarrow K^+$
- $\backslash PKminus \Rightarrow K^-$
- \PKzero $\Rightarrow K^0$
- \PKshort $\Rightarrow K_S^0$
- \PKs $\Rightarrow K_S^0$
- \PKlong $\Rightarrow K_L^0$
- \PK1 $\Rightarrow K_L^0$
- \PKstar $\Rightarrow K^*$
- $\bullet \ \ \backslash {\rm APK} \Rightarrow \overline{K}^0$
- \APKzero $\Rightarrow \overline{K}^0$

- $\bullet \ \ \backslash \texttt{Pphoton} \Rightarrow \gamma$
- \P
- \Pphotonx $\Rightarrow \gamma^*$
- \Pgammastar $\Rightarrow \gamma^*$
- \P
- $\backslash PW \Rightarrow W$
- $\backslash PWpm \Rightarrow W^{\pm}$
- $\backslash PWmp \Rightarrow W^{\mp}$
- \PWplus $\Rightarrow W^+$
- \PWminus $\Rightarrow W^-$
- \PWprime $\Rightarrow W'$
- $\PZ \Rightarrow Z$
- Z with a zero $\$ \PZzero $\Rightarrow Z^0$
- Z-prime $\Rightarrow Z'$
- $\backslash Pfermion \Rightarrow f$
- $\bullet \ \backslash \texttt{Pfermionpm} \Rightarrow f^{\pm}$
- $\bullet \ \ \mathsf{\backslash Pfermionmp} \Rightarrow f^{\mp}$
- \Pfermionplus $\Rightarrow f^+$
- ullet \Pfermionminus $\Rightarrow f^-$
- \APfermion $\Rightarrow \bar{f}$

- neutrino $\$ \Pnu $\Rightarrow \nu$
- antineutrino $\land APnu \Rightarrow \bar{\nu}$
- neutrino $\rightarrow \nu$
- lepton-flavour neutrino $\verb|\Pnulepton| \Rightarrow \nu_\ell$
- lepton-flavour antineutrino $\land \texttt{APnulepton} \Rightarrow \bar{\nu_\ell}$
- $\ensuremath{\mbox{\mbox{\sc Pe}}} \Rightarrow e$
- $\Pepm \Rightarrow e^{\pm}$
- $\ensuremath{\backslash} \mathtt{Pemp} \Rightarrow e^{\mp}$
- \Pelectron $\Rightarrow e^-$

- \APelectron $\Rightarrow e^+$
- \Ppositron $\Rightarrow e^+$
- \APpositron $\Rightarrow e^+$
- \Pmu $\Rightarrow \mu$
- $\Pmupm \Rightarrow \mu^{\pm}$
- $\backslash Pmump \Rightarrow \mu^{\mp}$
- \Pmuon $\Rightarrow \mu^-$
- \APmuon $\Rightarrow \mu^+$
- $\forall Ptau \Rightarrow \tau$
- \Ptaupm $\Rightarrow \tau^{\pm}$
- \Ptaump $\Rightarrow \tau^{\mp}$
- \Ptauon $\Rightarrow \tau^-$
- \APtauon $\Rightarrow \tau^+$
- \Pnue $\Rightarrow \nu_e$
- $\bullet \ \backslash \mathtt{Pnum} \Rightarrow \nu_{\!\mu}$
- \Pnut $\Rightarrow \nu_{\tau}$
- \APnue $\Rightarrow ar{
 u_e}$
- \APnum $\Rightarrow \bar{
 u_{\mu}}$
- \APnut $\Rightarrow \bar{\nu_{\tau}}$
- \P
- \APquark $\Rightarrow \bar{q}$
- $\Pdown \Rightarrow d$
- $\backslash Pup \Rightarrow u$

- \Pstrange $\Rightarrow s$
- $\backslash Pcharm \Rightarrow c$
- $\backslash Pbottom \Rightarrow b$
- \Pbeauty $\Rightarrow b$
- $\backslash Ptop \Rightarrow t$
- \Ptruth $\Rightarrow t$
- $\APdown \Rightarrow \bar{d}$
- ullet \APqd $\Rightarrow ar{d}$
- \APup $\Rightarrow \bar{u}$
- \APqu $\Rightarrow \bar{u}$
- \APstrange $\Rightarrow \bar{s}$
- \APqs $\Rightarrow \bar{s}$
- $\APcharm \Rightarrow \bar{c}$
- \APqc $\Rightarrow \bar{c}$
- \APbottom $\Rightarrow \bar{b}$
- \APbeauty $\Rightarrow ar{b}$
- ullet \APqb \Rightarrow $ar{b}$
- \APtop $\Rightarrow t$
- \APtruth $\Rightarrow t$
- \APqt $\Rightarrow t$
- \Pproton $\Rightarrow p$
- \Pneutron $\Rightarrow n$
- \APproton $\Rightarrow \bar{p}$
- \APneutron $\Rightarrow \bar{n}$

- \Pchic $\Rightarrow \chi_c$
- \PDelta $\Rightarrow E^0$
- $\PLambda \Rightarrow \Lambda$
- \APLambda $\Rightarrow \bar{\Lambda}$
- \PLambdac $\Rightarrow \Lambda_c^+$
- \PLambdab $\Rightarrow \Lambda_b$
- $\POmega \Rightarrow \Omega$
- $\POmegapm \Rightarrow \Omega^{\pm}$
- \POmegamp $\Rightarrow \Omega^{\mp}$
- \POmegaplus $\Rightarrow \Omega^+$
- \POmegaminus $\Rightarrow \Omega^-$
- \APOmega $\Rightarrow \bar{\Omega}$
- \APOmegaplus $\Rightarrow \bar{\Omega}^+$
- \APOmegaminus $\Rightarrow \bar{\Omega}^-$
- \P Sigma $\Rightarrow \Sigma$
- $\PSigmapm \Rightarrow \Sigma^{\pm}$
- \PSigmamp $\Rightarrow \Sigma^{\mp}$
- \PSigmaminus $\Rightarrow \Sigma^-$
- \PSigmaplus $\Rightarrow \Sigma^+$
- $\bullet \ \backslash \mathtt{PSigmac} \Rightarrow \Sigma_c$
- \APSigmaminus $\Rightarrow \bar{\Sigma}^-$
- \APSigmaplus $\Rightarrow \bar{\Sigma}^+$

- \APSigmazero $\Rightarrow \bar{\Sigma}^0$
- \APSigmac $\Rightarrow \bar{\Sigma}_c$
- \PUpsilon $\Rightarrow \Upsilon$
- \PUpsilonOneS $\Rightarrow \Upsilon(1S)$
- \PUpsilonTwoS $\Rightarrow \Upsilon(2S)$
- \PUpsilonThreeS $\Rightarrow \Upsilon(3S)$
- \PUpsilonFourS $\Rightarrow \Upsilon(4S)$
- \PXi $\Rightarrow \Xi$
- \PXiplus $\Rightarrow \Xi^+$
- \PXiminus $\Rightarrow \Xi^-$
- \PXizero $\Rightarrow \Xi^0$
- \APXiplus $\Rightarrow \bar{\Xi}^+$
- \APXiminus $\Rightarrow \bar{\Xi}^-$
- \APXizero $\Rightarrow \bar{\Xi}^0$
- \PXicplus $\Rightarrow \Xi_c^+$
- \PXiczero $\Rightarrow \Xi_c^0$
- \Pphi $\Rightarrow \phi$
- \P
- \Petaprime $\Rightarrow \eta'$
- \Petac $\Rightarrow \eta_c$
- \Pomega $\Rightarrow \omega$
- $\Ppi \Rightarrow \pi$
- \Ppipm $\Rightarrow \pi^{\pm}$
- $\propty \propty \p$

- \Ppiplus $\Rightarrow \pi^+$
- \Ppiminus $\Rightarrow \pi^-$
- \Ppizero $\Rightarrow \pi^0$
- \Prho $\Rightarrow \rho$
- \Prhoplus $\Rightarrow \rho^+$
- \Prhominus $\Rightarrow \rho^-$
- $\backslash Prhopm \Rightarrow \rho^{\pm}$
- $\backslash \mathtt{Prhomp} \Rightarrow \rho^{\mp}$
- \Prhozero $\Rightarrow \rho^0$
- \PJpsi $\Rightarrow J/\psi$
- \PJpsiOneS $\Rightarrow J/\psi(1S)$
- $\bullet \ \backslash \mathtt{Ppsi} \Rightarrow \psi$
- $\bullet \ \ \mathsf{\baseline VPsiTwoS} \Rightarrow \psi(2S)$
- $\backslash PD \Rightarrow D$
- $\backslash PDpm \Rightarrow D^{\pm}$
- $\PDmp \Rightarrow D^{\mp}$
- \PDzero $\Rightarrow D^0$
- \PDminus $\Rightarrow D^-$
- $\backslash PDplus \Rightarrow D^+$
- \PDstar $\Rightarrow D^*$
- \APD $\Rightarrow \bar{D}$
- \APDzero $\Rightarrow \overline{D}^0$
- \PDs $\Rightarrow D_s$

- \PDsminus $\Rightarrow D_s^-$
- \PDsplus $\Rightarrow D_s^+$
- \PDspm $\Rightarrow D_s^{\pm}$
- $\bullet \ \backslash \mathtt{PDsmp} \Rightarrow D_s^{\mp}$
- \PDsstar $\Rightarrow D_s^*$
- \PHiggs $\Rightarrow H$
- \PHiggsheavy $\Rightarrow H$
- \PHiggslight $\Rightarrow h$
- \PHiggsheavyzero $\Rightarrow H^0$
- \PHiggslightzero $\Rightarrow h^0$
- \PHiggsps $\Rightarrow A$
- \PHiggspszero $\Rightarrow A^0$
- \PHiggsplus $\Rightarrow H^+$
- \PHiggsminus $\Rightarrow H^-$
- $\backslash PHiggspm \Rightarrow H^{\pm}$
- \PHiggsmp $\Rightarrow H^{\mp}$
- \PHiggszero $\Rightarrow H^0$
- \PSHiggs $\Rightarrow \widetilde{H}$
- $\bullet \ \backslash {\tt PSHiggsino} \Rightarrow \widetilde{H}$
- $\bullet \ \backslash {\tt PSHiggsplus} \Rightarrow \widetilde{H}^+$
- \PSHiggsinoplus $\Rightarrow \widetilde{H}^+$
- $\bullet \ \backslash {\tt PSHiggsminus} \Rightarrow \widetilde{H}^-$
- ullet \PSHiggsinominus $\Rightarrow \widetilde{H}^-$
- \PSHiggspm $\Rightarrow \widetilde{H}^{\pm}$

- \PSHiggsinopm $\Rightarrow \widetilde{H}^{\pm}$
- $\bullet \ \backslash \mathtt{PSHiggsmp} \Rightarrow \widetilde{H}^{\mp}$
- $\bullet \ \backslash {\tt PSHiggsinomp} \Rightarrow \widetilde{H}^{\mp}$
- \PSHiggszero $\Rightarrow \widetilde{H}^0$
- ullet \PSHiggsinozero $\Rightarrow \widetilde{H}^0$
- bino
- $\bullet \ \ \backslash \mathrm{PSW} \Rightarrow \widetilde{W}$
- \PSWplus $\Rightarrow \widetilde{W}^+$
- $\bullet \ \backslash {\tt PSWminus} \Rightarrow \widetilde{W}^-$
- $\bullet \ \backslash \mathrm{PSWpm} \Rightarrow \widetilde{W}^{\pm}$
- $\bullet \ \backslash \mathtt{PSWmp} \Rightarrow \widetilde{W}^{\mp}$
- \PSWino $\Rightarrow \widetilde{W}$
- $\bullet \ \backslash \mathtt{PSWinopm} \Rightarrow \widetilde{W}^{\pm}$
- $\bullet \ \backslash \mathtt{PSWinomp} \Rightarrow \widetilde{W}^{\mp}$
- $\PSZ \Rightarrow \widetilde{Z}$
- \PSZzero $\Rightarrow \widetilde{Z}^0$
- \PSe $\Rightarrow \widetilde{e}$

- $\begin{array}{c} \bullet \ \ \mathrm{photino} \\ \\ \backslash \mathrm{Pphotino} \Rightarrow \widetilde{\gamma} \end{array}$

- stau $\mbox{\sc PStau} \Rightarrow \widetilde{\tau}$
- neutralino/chargino $\verb|\PSino| \Rightarrow \widetilde{\chi}$
- chargino pm $\backslash PScharginopm \Rightarrow \widetilde{\chi}^{\pm}$
- chargino mp $\begin{tabular}{l} \bullet & \text{chargino mp} \\ \begin{tabular}{l} \bullet & \widetilde{\chi} \to \widetilde{\chi}^{\mp} \\ \end{tabular}$
- neutralino $ightharpoonup \operatorname{PSneutralino} \Rightarrow \widetilde{\chi}^0$
- lightest neutralino $\mbox{\tt \begin{tabular}{l} \begin{tabular}{l}$
- next-to-lightest neutralino $\$ PSneutralinoTwo $\Rightarrow \widetilde{\chi}_2^0$

- $\begin{array}{c} \bullet \ \, \text{anti-slepton} \\ \texttt{\ \ } \land \\ \texttt{APSlepton} \Rightarrow \bar{\tilde{\ell}} \end{array}$
- $\PSq \Rightarrow \widetilde{q}$
- \Psquark $\Rightarrow \widetilde{q}$
- $\bullet \ \ \backslash \mathrm{APSq} \Rightarrow \bar{\widetilde{q}}$
- \APsquark $\Rightarrow \bar{\widetilde{q}}$
- $\bullet \ \ \backslash \mathtt{PSdown} \Rightarrow \widetilde{d}$
- $\bullet \ \ \backslash \mathtt{PSup} \Rightarrow \widetilde{u}$
- $\bullet \ \ \mathtt{\ \ } \mathsf{PSstrange} \Rightarrow \widetilde{s} \\$

- $\PScharm \Rightarrow \widetilde{c}$
- \PSbottom $\Rightarrow \widetilde{b}$
- $\bullet \ \backslash \mathtt{PStop} \Rightarrow \widetilde{t}$
- \PASdown $\Rightarrow \bar{\tilde{d}}$
- \PASup $\Rightarrow \bar{\widetilde{u}}$
- \PASstrange $\Rightarrow \bar{\tilde{s}}$
- \PAScharm $\Rightarrow \bar{\tilde{c}}$
- \PASbottom $\Rightarrow \dot{\widetilde{b}}$
- \PAStop $\Rightarrow \dot{\tilde{t}}$
- \eplus $\Rightarrow e^+$
- \eminus $\Rightarrow e^-$

2 Bold font

- \hepnicenames ⇒ hepnicenames
- ullet \PBpm $\Rightarrow B^{\pm}$
- ullet \PBmp $\Rightarrow B^{\mp}$
- \PBplus $\Rightarrow B^+$
- \PBminus $\Rightarrow B^-$
- \PBzero $\Rightarrow B^0$
- \PBstar $\Rightarrow B^*$
- \PBd $\Rightarrow B_d^0$
- \PBu $\Rightarrow B^+$
- ullet \PBc $\Rightarrow B_c^+$
- ullet \PBs $\Rightarrow B_s^0$
- ullet \APB $\Rightarrow ar{B}$
- ullet \APBzero $\Rightarrow ar{B}^0$
- ullet \APBd $\Rightarrow ar{B}_d^0$
- \bullet \APBu $\Rightarrow B^-$
- ullet \APBc $\Rightarrow B_c^-$
- ullet \APBs $\Rightarrow ar{B}_s^0$
- ullet \PK $\Rightarrow K$
- ullet \PKpm $\Rightarrow K^{\pm}$

- ullet \PKmp $\Rightarrow K^{\mp}$
- \PKplus $\Rightarrow K^+$
- \PKminus $\Rightarrow K^-$
- \PKzero $\Rightarrow K^0$
- ullet \PKshort $\Rightarrow K_S^0$
- ullet \PKs $\Rightarrow K_S^0$
- ullet \PKlong $\Rightarrow K_L^0$
- ullet \PKl $\Rightarrow K_L^0$
- \PKstar $\Rightarrow K^*$
- ullet \APK $\Rightarrow ar{K}^0$
- ullet \APKzero $\Rightarrow \overline{K}^0$
- $\bullet \ \backslash {\tt Pphoton} \Rightarrow \gamma$
- ullet \Pgamma $\Rightarrow \gamma$
- ullet \Pphotonx $\Rightarrow \gamma^*$
- ullet \Pgammastar $\Rightarrow \gamma^*$
- \Pgluon $\Rightarrow g$
- ullet \PW \Rightarrow W
- ullet \PWpm $\Rightarrow W^{\pm}$
- ullet \PWmp $\Rightarrow W^{\mp}$
- ullet \PWplus $\Rightarrow W^+$
- ullet \PWminus $\Rightarrow W^-$
- ullet \PWprime $\Rightarrow W'$

- Z with a zero $\mbox{$\backslash$PZzero} \Rightarrow Z^0$

- ullet \Pfermion $\Rightarrow f$
- ullet \Pfermionpm $\Rightarrow f^{\pm}$
- ullet \Pfermionmp $\Rightarrow f^{\mp}$
- ullet \Pfermionplus $\Rightarrow f^+$
- ullet \Pfermionminus $\Rightarrow f^-$
- ullet \APfermion $\Rightarrow ar{f}$

- charged lepton $\label{eq:pleptonmp} \ \, \mathbf{\sl}^{\mp}$
- positive lepton $\text{`Pleptonplus} \Rightarrow \ell^+$
- anti-lepton \land APlepton $\Rightarrow \bar{\ell}$

- neutrino $\Pnu \Rightarrow \nu$
- antineutrino $\land APnu \Rightarrow \bar{\nu}$
- neutrino $\Rightarrow \nu$
- antineutrino $\Rightarrow \bar{\nu}$

- $\ensuremath{\mbox{\mbox{\sc Pe}}} \Rightarrow e$
- \Pepm $\Rightarrow e^{\pm}$
- $\bullet \ \backslash \mathtt{Pemp} \Rightarrow e^{\mp}$
- \Pelectron $\Rightarrow e^-$
- \APelectron $\Rightarrow e^+$
- ullet \Ppositron $\Rightarrow e^+$
- \APpositron $\Rightarrow e^+$
- \Pmu $\Rightarrow \mu$
- ullet \Pmupm $\Rightarrow \mu^{\pm}$
- $\bullet \ \backslash \mathtt{Pmump} \Rightarrow \mu^{\mp}$
- ullet \Pmuon $\Rightarrow \mu^-$
- \APmuon $\Rightarrow \mu^+$
- \Ptau $\Rightarrow au$

- ullet \Ptaupm $\Rightarrow au^{\pm}$
- $\bullet \ \mathtt{\backslash Ptaump} \Rightarrow \tau^{\mp}$
- \Ptauon $\Rightarrow \tau^-$
- \APtauon $\Rightarrow au^+$
- \Pnue $\Rightarrow \nu_e$
- \Pnum $\Rightarrow \nu_{\mu}$
- \Pnut $\Rightarrow \nu_{\tau}$
- \APnue $\Rightarrow \bar{\nu_e}$
- \APnum $\Rightarrow \bar{\nu_{\mu}}$
- ullet \APnut $\Rightarrow ar{
 u_{ au}}$
- \Pquark $\Rightarrow q$
- ullet \APquark $\Rightarrow ar{q}$
- $\Pdown \Rightarrow d$
- $\backslash Pup \Rightarrow u$
- ullet \Pstrange $\Rightarrow s$
- $\backslash Pcharm \Rightarrow c$
- \Pbottom $\Rightarrow b$
- \Pbeauty $\Rightarrow b$
- $\backslash Ptop \Rightarrow t$
- \Ptruth $\Rightarrow t$
- ullet \APdown $\Rightarrow ar{d}$
- ullet \APqd $\Rightarrow ar{d}$
- ullet \APup $\Rightarrow ar{u}$

- ullet \APqu $\Rightarrow ar{u}$
- ullet \APstrange $\Rightarrow ar{s}$
- ullet \APqs \Rightarrow $ar{s}$
- ullet \APcharm $\Rightarrow ar{c}$
- ullet \APqc \Rightarrow $ar{c}$
- ullet \APbottom $\Rightarrow ar{b}$
- ullet \APbeauty \Rightarrow $ar{b}$
- ullet \APqb \Rightarrow $ar{b}$
- ullet \APtop $\Rightarrow ar{t}$
- \APtruth $\Rightarrow t$
- ullet \APqt \Rightarrow t
- \Pproton $\Rightarrow p$
- \Pneutron $\Rightarrow n$
- \APproton $\Rightarrow \bar{p}$
- \APneutron $\Rightarrow \bar{n}$
- \Pchic $\Rightarrow \chi_c$
- ullet \PDelta $\Rightarrow E^0$
- ullet \PLambda $\Rightarrow \Lambda$
- ullet \APLambda $\Rightarrow ar{\Lambda}$
- \PLambdac $\Rightarrow \Lambda_c^+$
- \PLambdab $\Rightarrow \Lambda_b$
- ullet \POmega $\Rightarrow \Omega$
- \POmegapm $\Rightarrow \Omega^{\pm}$
- ullet \POmegamp $\Rightarrow \Omega^{\mp}$

- ullet \POmegaplus $\Rightarrow \Omega^+$
- ullet \POmegaminus $\Rightarrow \Omega^-$
- ullet \APOmega $\Rightarrow ar{\Omega}$
- ullet \APOmegaplus $\Rightarrow ar{\Omega}^+$
- ullet \APOmegaminus $\Rightarrow \overline{\Omega}^-$
- ullet \PSigma $\Rightarrow \Sigma$
- ullet \PSigmapm $\Rightarrow \Sigma^{\pm}$
- ullet \PSigmamp $\Rightarrow \Sigma^{\mp}$
- ullet \PSigmaminus $\Rightarrow \Sigma^-$
- \PSigmaplus $\Rightarrow \Sigma^+$
- ullet \PSigmazero $\Rightarrow \Sigma^0$
- ullet \PSigmac $\Rightarrow \Sigma_c$
- ullet \APSigmaminus $\Rightarrow ar{\Sigma}^-$
- ullet \APSigmaplus $\Rightarrow ar{\Sigma}^+$
- ullet \APSigmazero $\Rightarrow ar{\Sigma}^0$
- ullet \APSigmac $\Rightarrow ar{\Sigma_c}$
- \PUpsilon $\Rightarrow \Upsilon$
- \PUpsilonOneS $\Rightarrow \Upsilon(1S)$
- \PUpsilonTwoS $\Rightarrow \Upsilon(2S)$
- ullet \PUpsilonThreeS $\Rightarrow \Upsilon(3S)$
- \PUpsilonFourS $\Rightarrow \Upsilon(4S)$
- \PXi $\Rightarrow \Xi$
- \PXiplus $\Rightarrow \Xi^+$

- \PXiminus $\Rightarrow \Xi^-$
- \PXizero $\Rightarrow \Xi^0$
- \APXiplus $\Rightarrow \bar{\Xi}^+$
- \APXiminus $\Rightarrow \bar{\Xi}^-$
- \APXizero $\Rightarrow \bar{\Xi}^0$
- ullet \PXicplus $\Rightarrow \Xi_c^+$
- ullet \PXiczero $\Rightarrow \Xi_c^0$
- \Pphi $\Rightarrow \phi$
- \Peta $\Rightarrow \eta$
- ullet \Petaprime $\Rightarrow \eta'$
- \Petac $\Rightarrow \eta_c$
- ullet \Pomega $\Rightarrow \omega$
- \Ppi $\Rightarrow \pi$
- $\bullet \ \texttt{\ \ } \mathsf{Ppipm} \Rightarrow \pi^{\pm}$
- $\bullet \ \backslash \texttt{Ppimp} \Rightarrow \pi^{\mp}$
- \Ppiplus $\Rightarrow \pi^+$
- ullet \Ppiminus $\Rightarrow \pi^-$
- \Ppizero $\Rightarrow \pi^0$
- \Prho $\Rightarrow \rho$
- \Prhoplus $\Rightarrow \rho^+$
- \Prhominus $\Rightarrow \rho^-$
- \Prhopm $\Rightarrow
 ho^{\pm}$
- ullet \Prhomp $\Rightarrow
 ho^{\mp}$
- \Prhozero $\Rightarrow \rho^0$

- ullet \PJpsi $\Rightarrow J/\psi$
- \PJpsiOneS $\Rightarrow J/\psi(1S)$
- \Ppsi $\Rightarrow \psi$
- \PpsiTwoS $\Rightarrow \psi(2S)$
- ullet \PD \Rightarrow D
- $\bullet \ \ \ \ \ \ \ \ \ \ D^{\pm}$
- ullet \PDmp $\Rightarrow D^{\mp}$
- \PDzero $\Rightarrow D^0$
- ullet \PDminus $\Rightarrow D^-$
- \PDplus $\Rightarrow D^+$
- \PDstar $\Rightarrow D^*$
- ullet \APD $\Rightarrow ar{D}$
- ullet \APDzero $\Rightarrow ar{D}^0$
- $\bullet \ \backslash {\tt PDs} \Rightarrow D_s$
- ullet \PDsminus $\Rightarrow D_s^-$
- ullet \PDsplus $\Rightarrow D_s^+$
- ullet \PDspm $\Rightarrow D_s^\pm$
- ullet \PDsmp $\Rightarrow D_s^{\mp}$
- ullet \PDsstar $\Rightarrow D_s^*$
- ullet \PHiggs $\Rightarrow H$
- ullet \PHiggsheavy $\Rightarrow H$
- ullet \PHiggslight $\Rightarrow h$
- \PHiggsheavyzero $\Rightarrow H^0$

- \PHiggslightzero $\Rightarrow h^0$
- ullet \PHiggsps $\Rightarrow A$
- \PHiggspszero $\Rightarrow A^0$
- ullet \PHiggsplus $\Rightarrow H^+$
- ullet \PHiggsminus $\Rightarrow H^-$
- \bullet \PHiggspm $\Rightarrow H^{\pm}$
- ullet \PHiggsmp $\Rightarrow H^{\mp}$
- ullet \PHiggszero $\Rightarrow H^0$
- ullet \PSHiggs $\Rightarrow \widetilde{H}$
- ullet \PSHiggsino $\Rightarrow \widetilde{H}$
- ullet \PSHiggsplus $\Rightarrow \widetilde{H}^+$
- ullet \PSHiggsinoplus $\Rightarrow \widetilde{H}^+$
- ullet \PSHiggsminus $\Rightarrow \widetilde{H}^-$
- ullet \PSHiggsinominus $\Rightarrow \widetilde{H}^-$
- ullet \PSHiggspm $\Rightarrow \widetilde{H}^{\pm}$
- ullet \PSHiggsinopm $\Rightarrow \widetilde{H}^{\pm}$
- ullet \PSHiggsmp $\Rightarrow \widetilde{H}^{\mp}$
- ullet \PSHiggsinomp $\Rightarrow \widetilde{H}^{\mp}$
- ullet \PSHiggszero $\Rightarrow \widetilde{H}^0$
- $\bullet \ \backslash {\tt PSHiggsinozero} \Rightarrow \widetilde{H}^0$
- bino
- ullet bino $\parbox{PSBino} \Rightarrow \widetilde{B}$
- ullet \PSW $\Rightarrow \widetilde{W}$

- ullet \PSWplus $\Rightarrow \widetilde{W}^+$
- ullet \PSWminus $\Rightarrow \widetilde{W}^-$
- ullet \PSWpm $\Rightarrow \widetilde{W}^{\pm}$
- ullet \PSWmp $\Rightarrow \widetilde{W}^{\mp}$
- ullet \PSWino $\Rightarrow \widetilde{W}$
- \PSWinopm $\Rightarrow \widetilde{W}^{\pm}$
- ullet \PSWinomp $\Rightarrow \widetilde{W}^{\mp}$
- ullet \PSZ $\Rightarrow \widetilde{Z}$
- ullet \PSZzero $\Rightarrow \widetilde{Z}^0$
- \PSe $\Rightarrow \widetilde{e}$

- photino $\Rightarrow \widetilde{\gamma}$
- smuon $\ \ \, \backslash \mathtt{PSmu} \, \Rightarrow \, \widetilde{\mu}$
- ullet stau $\parbox{PStau} \Rightarrow \widetilde{ au}$
- neutralino/chargino $\text{\ensuremath{\mbox{$\backslash$}PSino$}} \Rightarrow \widetilde{\chi}$
- $\begin{array}{c} \bullet \ \ \text{neutralino/chargino} \\ & \\ \backslash \texttt{PSgaugino} \ \Rightarrow \ \widetilde{\chi} \end{array}$

- chargino pm $\label{eq:pscharginopm} $$ \ensuremath{\backslash} \operatorname{PScharginopm} \Rightarrow \widetilde{\chi}^{\pm} $$
- neutralino angle \PSneutralino $\Rightarrow \widetilde{\chi}^0$
- ullet lightest neutralino $\parbox{\sc PSneutralinoOne} \Rightarrow \widetilde{\chi}_1^0$
- ullet next-to-lightest neutralino \PSneutralinoTwo $\Rightarrow \widetilde{\chi}_2^0$
- ullet gluino $\Rightarrow \widetilde{g}$

- ullet anti-slepton $\hfill \hfill \hfill$
- ullet \PSq $\Rightarrow \widetilde{q}$
- ullet \Psquark $\Rightarrow \widetilde{q}$
- ullet \APSq \Rightarrow $ar{\widetilde{q}}$
- ullet \APsquark $\Rightarrow ar{ ilde{q}}$
- ullet \PSdown $\Rightarrow \widetilde{d}$

- ullet \PSup $\Rightarrow \widetilde{u}$
- ullet \PSstrange $\Rightarrow \widetilde{s}$
- ullet \PScharm $\Rightarrow \widetilde{c}$
- ullet \PSbottom $\Rightarrow \widetilde{b}$
- ullet \PStop $\Rightarrow \widetilde{t}$
- ullet \PASdown $\Rightarrow ar{ ilde{d}}$
- $\bullet \ \backslash \mathtt{PASup} \Rightarrow \bar{\tilde{u}}$

- \PASstrange $\Rightarrow \bar{\hat{s}}$
- ullet \PAScharm $\Rightarrow ar{ ilde{c}}$
- ullet \PASbottom $\Rightarrow ar{ ilde{b}}$
- ullet \PAStop $\Rightarrow ilde{ ilde{t}}$
- \eplus $\Rightarrow e^+$
- ullet \eminus $\Rightarrow e^-$

3 Italic font

- $\ensuremath{\mbox{\sc hepnicenames}} \Rightarrow \ensuremath{\mbox{\sc hepnicenames}}$
- $\backslash PB \Rightarrow B$
- $\PBpm \Rightarrow B^{\pm}$
- $\PBplus \Rightarrow B^+$
- \PBminus $\Rightarrow B^-$
- \PBzero $\Rightarrow B^0$
- $\PBstar \Rightarrow B^*$
- $\backslash PBd \Rightarrow B_d^0$
- $\backslash PBu \Rightarrow B^+$
- $\backslash PBc \Rightarrow B_c^+$
- \PBs $\Rightarrow B_s^0$
- $\APB \Rightarrow \overline{B}$
- \APBzero $\Rightarrow \bar{B}^0$
- $\APBu \Rightarrow B^-$
- $\APBc \Rightarrow B_c^-$
- $\APBs \Rightarrow \bar{B}_s^0$
- $\backslash PK \Rightarrow K$
- $\propty PKpm \Rightarrow K^{\pm}$

- $\ensuremath{\mbox{\it PKmp}} \Rightarrow K^{\mp}$
- $\ensuremath{\backslash PKplus} \Rightarrow K^+$
- \PKminus $\Rightarrow K^-$
- \PKzero $\Rightarrow K^0$
- \PKshort $\Rightarrow K_S^0$
- \PKs $\Rightarrow K_S^0$
- \PKlong $\Rightarrow K_L^0$
- $\backslash PKl \Rightarrow K_L^0$
- $\backslash PKstar \Rightarrow K^*$
- $\APK \Rightarrow \overline{K}^0$
- \APKzero $\Rightarrow \overline{K}^0$
- $\label{eq:photon} \ \ \gamma$
- \Pphotonx $\Rightarrow \gamma^*$
- \Pgammastar $\Rightarrow \gamma^*$
- $\protect\ensuremath{\backslash} \textit{Pgluon} \Rightarrow g$
- $\PW \Rightarrow W$
- $\propty PWpm \Rightarrow W^{\pm}$
- \PWmp $\Rightarrow W^{\mp}$
- \PWplus $\Rightarrow W^+$
- \PWminus $\Rightarrow W^-$
- \PWprime $\Rightarrow W'$

- $\backslash PZ \Rightarrow Z$
- Z with a zero\\PZzero \Rightarro Z^0
- Z-prime $\Rightarrow Z'$
- axion\Paxion $\Rightarrow A^0$
- $\bullet \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ f$
- $\label{eq:pfermionpm} Pfermionpm \Rightarrow f^{\pm}$
- \Pfermionmp $\Rightarrow f^{\mp}$
- $\backslash Pfermionplus \Rightarrow f^+$
- $\backslash Pfermionminus \Rightarrow f^-$
- \APfermion $\Rightarrow \bar{f}$
- lepton $\Plepton \Rightarrow \ell$

- anti-lepton $\land APlepton \Rightarrow \bar{\ell}$

- neutrino\Pnu \Rightarrow ν
- antineutrino $\APnu \Rightarrow \bar{\nu}$
- neutrino\Pneutrino \Rightarron \neq \nu
- antineutrino $\land APneutrino \Rightarrow \bar{\nu}$
- lepton-flavour antineutrino $\land APnulepton \Rightarrow \bar{\nu}_{\ell}$
- $\ensuremath{\mbox{\sc Pe}} \Rightarrow e$
- $\ensuremath{\backslash Pepm} \Rightarrow e^{\pm}$
- $\ensuremath{\backslash \textit{Pemp}} \Rightarrow e^{\mp}$
- \Pelectron $\Rightarrow e^-$
- $\APelectron \Rightarrow e^+$
- $\ensuremath{\backslash Ppositron} \Rightarrow e^+$
- $\APpositron \Rightarrow e^+$
- $\ensuremath{\backslash Pmu} \Rightarrow \mu$
- $\propto Pmupm \Rightarrow \mu^{\pm}$
- $\ensuremath{\backslash \mathit{Pmump}} \Rightarrow \mu^{\mp}$
- \Pmuon $\Rightarrow \mu^-$
- $\land APmuon \Rightarrow \mu^+$
- $\ensuremath{\mbox{\it Ptau}} \Rightarrow au$

- \Ptaupm $\Rightarrow \tau^{\pm}$
- \Ptaump $\Rightarrow \tau^{\mp}$
- \Ptauon $\Rightarrow \tau^-$
- \APtauon $\Rightarrow \tau^+$
- \Pnue $\Rightarrow \nu_e$
- \Pnum $\Rightarrow \nu_{\mu}$
- \Pnut $\Rightarrow \nu_{\tau}$
- \APnue $\Rightarrow \bar{\nu_e}$
- $\APnum \Rightarrow \bar{\nu}_u$
- ullet \APnut $\Rightarrow ar{
 u_{ au}}$
- $\prescript{Pquark} \Rightarrow q$
- $\land APquark \Rightarrow \bar{q}$
- $\backslash Pdown \Rightarrow d$
- $\ensuremath{\backslash Pup} \Rightarrow u$
- $\ensuremath{\mbox{\it Vstrange}} \Rightarrow s$
- $\ensuremath{\backslash} \textit{Pcharm} \Rightarrow c$

- $\ensuremath{\backslash Ptop} \Rightarrow t$
- $\APdown \Rightarrow \bar{d}$
- $\APqd \Rightarrow \bar{d}$
- $\APup \Rightarrow \bar{u}$

- $\APqu \Rightarrow \bar{u}$
- \APstrange $\Rightarrow \bar{s}$
- $\APqs \Rightarrow \bar{s}$
- $\APcharm \Rightarrow \bar{c}$
- $\APqc \Rightarrow \bar{c}$
- \APbottom $\Rightarrow ar{b}$
- \APbeauty $\Rightarrow ar{b}$
- $\APqb \Rightarrow \bar{b}$
- $\APtop \Rightarrow \dot{t}$
- $\APtruth \Rightarrow t$
- $\APqt \Rightarrow t$
- $\protect\ Pproton \Rightarrow p$
- $\ensuremath{\backslash} \textit{Pneutron} \Rightarrow n$
- $\APproton \Rightarrow \bar{p}$
- \APneutron $\Rightarrow \bar{n}$
- \Pchic $\Rightarrow \chi_c$
- \PDelta $\Rightarrow E^0$
- $\PLambda \Rightarrow \Lambda$
- \APLambda $\Rightarrow \bar{\Lambda}$
- \PLambdac $\Rightarrow \Lambda_c^+$
- \PLambdab $\Rightarrow \Lambda_b$
- \POmega $\Rightarrow \Omega$
- \POmegapm $\Rightarrow \Omega^{\pm}$
- \POmegamp $\Rightarrow \Omega^{\mp}$

- \POmegaplus $\Rightarrow \Omega^+$
- \POmegaminus $\Rightarrow \Omega^-$
- $\APOmega \Rightarrow \overline{\Omega}$
- \APOmegaplus $\Rightarrow \bar{\Omega}^+$
- \APOmegaminus $\Rightarrow \bar{\Omega}^-$
- $\PSigma \Rightarrow \Sigma$
- $\bullet \ \ \backslash \textit{PSigmapm} \Rightarrow \Sigma^{\pm}$
- \PSigmamp $\Rightarrow \Sigma^{\mp}$
- \PSigmaminus $\Rightarrow \Sigma^-$
- \PSigmaplus $\Rightarrow \Sigma^+$
- \PSigmazero $\Rightarrow \Sigma^0$
- $\bullet \ \ \backslash \textit{PSigmac} \Rightarrow \Sigma_c$
- \APSigmaminus $\Rightarrow \bar{\Sigma}^-$
- \APSigmaplus $\Rightarrow \bar{\Sigma}^+$
- \APSigmazero $\Rightarrow \bar{\Sigma}^0$
- \APSigmac $\Rightarrow \bar{\Sigma_c}$
- \PUpsilon $\Rightarrow \Upsilon$
- \PUpsilonOneS $\Rightarrow \Upsilon(1S)$
- \PUpsilonTwoS $\Rightarrow \Upsilon(2S)$
- \PUpsilonThreeS $\Rightarrow \Upsilon(3S)$
- \PUpsilonFourS $\Rightarrow \Upsilon(4S)$
- \PXi $\Rightarrow \Xi$
- \PXiplus $\Rightarrow \Xi^+$

- \PXiminus $\Rightarrow \Xi^-$
- \PXizero $\Rightarrow \Xi^0$
- \APXiplus $\Rightarrow \bar{\Xi}^+$
- \APXiminus $\Rightarrow \bar{\Xi}^-$
- \APXizero $\Rightarrow \bar{\Xi}^0$
- \PXicplus $\Rightarrow \Xi_c^+$
- \PXiczero $\Rightarrow \Xi_c^0$
- $\protect\ Pphi \Rightarrow \phi$
- \Peta $\Rightarrow \eta$
- \Petaprime $\Rightarrow \eta'$
- \Petac $\Rightarrow \eta_c$
- \Pomega $\Rightarrow \omega$
- $Ppi \Rightarrow \pi$
- $\protect\ Ppipm \Rightarrow \pi^{\pm}$
- $\bullet \ \ \backslash \textit{Ppimp} \Rightarrow \pi^{\mp}$
- \Ppiplus $\Rightarrow \pi^+$
- \Ppiminus $\Rightarrow \pi^-$
- \Ppizero $\Rightarrow \pi^0$
- $\ensuremath{\backslash Prho} \Rightarrow \rho$
- \Prhoplus $\Rightarrow \rho^+$
- \Prhominus $\Rightarrow \rho^-$
- \Prhomp $\Rightarrow \rho^{\mp}$
- \Prhozero $\Rightarrow \rho^0$

- $\PJpsi \Rightarrow J/\psi$
- \PJpsiOneS $\Rightarrow J/\psi(1S)$
- $\bullet \ \ \mathsf{\backslash Ppsi} \Rightarrow \psi$
- \PpsiTwoS $\Rightarrow \psi(2S)$
- $\backslash PD \Rightarrow D$
- $\backslash PDpm \Rightarrow D^{\pm}$
- $\prescript{PDmp} \Rightarrow D^{\mp}$
- \PDzero $\Rightarrow D^0$
- \PDminus $\Rightarrow D^-$
- \PDplus $\Rightarrow D^+$
- $\protect\operatorname{PDstar} \Rightarrow D^*$
- $\APD \Rightarrow \overline{D}$
- \APDzero $\Rightarrow \overline{D}^0$
- \PDs $\Rightarrow D_s$
- \PDsminus $\Rightarrow D_s^-$
- \PDsplus $\Rightarrow D_s^+$
- $\backslash PDspm \Rightarrow D_s^{\pm}$
- $\PDsmp \Rightarrow D_s^{\mp}$
- \PDsstar $\Rightarrow D_s^*$
- \PHiggs $\Rightarrow H$
- \PHiggsheavy $\Rightarrow H$
- $\PHiggslight \Rightarrow h$
- \PHiggsheavyzero $\Rightarrow H^0$

- \PHiggslightzero $\Rightarrow h^0$
- $\PHiggsps \Rightarrow A$
- \PHiggspszero $\Rightarrow A^0$
- \PHiggsplus $\Rightarrow H^+$
- \PHiggsminus $\Rightarrow H^-$
- $\PHiqqspm \Rightarrow H^{\pm}$
- \PHiggsmp $\Rightarrow H^{\mp}$
- \PHiggszero $\Rightarrow H^0$
- \PSHiggs $\Rightarrow \widetilde{H}$
- \PSHiggsino $\Rightarrow \widetilde{H}$
- \PSHiqqsplus $\Rightarrow \widetilde{H}^+$
- \PSHiggsinoplus $\Rightarrow \widetilde{H}^+$
- \PSHiqqsminus $\Rightarrow \widetilde{H}^-$
- ullet \PSHiggsinominus $\Rightarrow \widetilde{H}^-$
- \PSHiqqspm $\Rightarrow \widetilde{H}^{\pm}$
- \PSHiggsinopm $\Rightarrow \widetilde{H}^{\pm}$
- $\bullet \ \ \backslash \mathit{PSHiggsmp} \ \Rightarrow \ \widetilde{H}^{\mp}$
- \PSHiggsinomp $\Rightarrow \widetilde{H}^{\mp}$
- \PSHiggszero $\Rightarrow \widetilde{H}^0$
- ullet \PSHiggsinozero $\Rightarrow \widetilde{H}^0$
- bino
- bino $\PSBino \Rightarrow \widetilde{B}$
- $\ \ \ \ \ \ \ \ \widetilde{W}$

- $\bullet \ \ \backslash \textit{PSWplus} \Rightarrow \widetilde{W}^+$
- \PSWminus $\Rightarrow \widetilde{W}^-$
- \PSWpm $\Rightarrow \widetilde{W}^{\pm}$
- $\bullet \ \ {} \backslash \mathit{PSWmp} \, \Rightarrow \, \widetilde{W}^{\mp}$
- \PSWino $\Rightarrow \widetilde{W}$
- $\bullet \ \ \backslash \textit{PSWinopm} \Rightarrow \widetilde{W}^{\pm}$
- $\bullet \ \ \backslash \textit{PSWinomp} \ \Rightarrow \ \widetilde{W}^{\mp}$
- $\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \widetilde{Z}$
- \PSZzero $\Rightarrow \widetilde{Z}^0$
- \PSe $\Rightarrow \widetilde{e}$
- $\begin{array}{c} \bullet \ \ photino \\ \\ \backslash \textit{PSphoton} \Rightarrow \widetilde{\gamma} \end{array}$
- photino $\begin{tabular}{l} \begin{tabular}{l} \begin{tabular}{l$
- photino $\land Pphotino \Rightarrow \widetilde{\gamma}$
- smuon \\\PSmu \Rightarrow \wideta
- sneutrino\\PSnu \Rightarrow \vec{\nu}
- stau\\PStau \Rightarrow \tilde{\tau}
- neutralino/chargino $\c NPSino \Rightarrow \widetilde{\chi}$
- neutralino/chargino\PSgaugino $\Rightarrow \widetilde{\chi}$

- chargino pm\PScharginopm $\Rightarrow \tilde{\chi}^{\pm}$
- chargino mp $\begin{tabular}{l} \begin{tabular}{l} \begin{tabula$
- neutralino\PSneutralino $\Rightarrow \widetilde{\chi}^0$
- next-to-lightest neutralino $\parbox{$\backslash$PSneutralinoTwo} \Rightarrow \widetilde{\chi}_2^0$
- gluino\PSgluino $\Rightarrow \widetilde{g}$
- slepton $\land PSlepton \Rightarrow \widetilde{\ell}$
- slepton\PSslepton $\Rightarrow \widetilde{\ell}$
- anti-slepton $\land APSlepton \Rightarrow \tilde{\tilde{\ell}}$
- $\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \widetilde{q}$
- \Psquark $\Rightarrow \widetilde{q}$
- \APsquark $\Rightarrow \bar{\widetilde{q}}$
- \PSdown $\Rightarrow \widetilde{d}$

- $\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \widetilde{u}$
- $\bullet \ \ \backslash \textit{PSstrange} \Rightarrow \widetilde{s}$
- \PScharm $\Rightarrow \widetilde{c}$
- $\bullet \ \ \backslash \textit{PSbottom} \Rightarrow \widetilde{b}$
- \PStop $\Rightarrow \widetilde{t}$
- \PASdown $\Rightarrow ar{ ilde{d}}$
- \PASup $\Rightarrow ar{\widetilde{u}}$

- \PASstrange $\Rightarrow \bar{\widetilde{s}}$
- \PAScharm $\Rightarrow \overline{\widetilde{c}}$
- \PASbottom $\Rightarrow ar{\widetilde{b}}$
- \PAStop $\Rightarrow \dot{\tilde{t}}$
- \eplus $\Rightarrow e^+$
- \eminus $\Rightarrow e^-$

4 Bold italic font

•
$$\ensuremath{\mbox{\sc hepnicenames}}$$
 hepnicenames

•
$$\backslash PB \Rightarrow B$$

•
$$\begin{tabular}{l} \begin{tabular}{l} \begin{ta$$

$$ullet$$
 \\\PBmp $\Rightarrow B^{\mp}$

• \PBplus
$$\Rightarrow B^+$$

$$\bullet$$
 \PBminus \Rightarrow B^-

• \PBzero
$$\Rightarrow B^0$$

• \PBstar
$$\Rightarrow B^*$$

•
$$\backslash PBu \Rightarrow B^+$$

$$ullet$$
 \\PBc \Rightarrow B_c^+

$$ullet$$
 \PBs \Rightarrow B_s^0

$$ullet$$
 \APB \Rightarrow $ar{B}$

$$ullet$$
 \APBzero $\Rightarrow ar{B}^0$

$$ullet$$
 \APBd \Rightarrow $ar{B}_d^0$

• \APBc
$$\Rightarrow$$
 B_c^-

$$ullet$$
 \APBs \Rightarrow $ar{B}_s^0$

•
$$\propty PKpm \Rightarrow K^{\pm}$$

• \PKplus
$$\Rightarrow K^+$$

$$\bullet$$
 \PKminus $\Rightarrow K^-$

• \PKzero
$$\Rightarrow K^0$$

• \PKshort
$$\Rightarrow K_S^0$$

$$ullet$$
 \PKs \Rightarrow K_S^0

• \PKlong
$$\Rightarrow K_L^0$$

$$ullet$$
 \PKstar $\Rightarrow K^*$

$$ullet$$
 \APK $\Rightarrow ar{K}^0$

$$ullet$$
 \APKzero $\Rightarrow \overline{K}^0$

$$ullet$$
 \Pphoton $\Rightarrow \gamma$

$$ullet$$
 \Pgamma $\Rightarrow \gamma$

• \Pphotonx
$$\Rightarrow \gamma^*$$

• \Pgammastar
$$\Rightarrow \gamma^*$$

•
$$\land Pgluon \Rightarrow g$$

$$ullet$$
 \PW \Rightarrow W

• \PWpm
$$\Rightarrow W^{\pm}$$

$$\bullet$$
 \PWmp \Rightarrow W^{\mp}

$$\bullet$$
 \PWplus \Rightarrow W^+

$$ullet$$
 \PWminus $\Rightarrow W^-$

$$ullet$$
 \PWprime $\Rightarrow W'$

- Z with a zero $\land PZzero \Rightarrow Z^0$
- Z-prime $\land PZ$ prime $\Rightarrow Z'$
- axion\\Paxion \Rightarrow A^0
- $\land Pfermion \Rightarrow f$
- ullet \Pfermionpm $\Rightarrow f^{\pm}$
- ullet \Pfermionmp $\Rightarrow f^{\mp}$
- ullet \Pfermionplus $\Rightarrow f^+$
- ullet \Pfermionminus $\Rightarrow f^-$
- ullet \APfermion \Rightarrow $ar{f}$
- lepton $\land Plepton \Rightarrow \ell$

- anti-lepton $\land APlepton \Rightarrow \bar{\ell}$

- neutrino\Pnu \Rightarrow \nu
- antineutrino $\land APnu \Rightarrow \bar{\nu}$
- neutrino\Pneutrino \Rightarron \Rightarron \neq \nu
- antineutrino $\land APneutrino \Rightarrow \bar{\nu}$
- lepton-flavour antineutrino $\land APnulepton \Rightarrow \bar{\nu_{\ell}}$
- $\ensuremath{\mbox{\sc Pe}} \Rightarrow e$
- $\ensuremath{\text{Pepm}} \Rightarrow e^{\pm}$
- $\bullet \ \ \ \ \ \ \ \ \ \ \ e^{\mp}$
- \Pelectron $\Rightarrow e^-$
- \APelectron $\Rightarrow e^+$
- ullet \Ppositron $\Rightarrow e^+$
- ullet \APpositron $\Rightarrow e^+$
- \Pmupm $\Rightarrow \mu^{\pm}$
- \bullet \Pmuon \Rightarrow μ^-
- ullet \APmuon $\Rightarrow \mu^+$

- \Ptaupm $\Rightarrow au^{\pm}$
- \Ptauon $\Rightarrow \tau^-$
- \bullet \APtauon \Rightarrow au^+
- \Pnue $\Rightarrow \nu_e$
- $\backslash Pnut \Rightarrow \nu_{\tau}$
- $\land APnue \Rightarrow \bar{\nu_e}$
- $\land APnum \Rightarrow \bar{\nu_{\mu}}$
- $\land Pquark \Rightarrow q$
- ullet \APquark \Rightarrow $ar{q}$
- $Pup \Rightarrow u$
- $\ensuremath{\mbox{\it VPstrange}} \Rightarrow s$
- $\Pcharm \Rightarrow c$
- $\Pbottom \Rightarrow b$
- $\label{eq:Pbeauty} \Rightarrow b$
- $\ensuremath{\mbox{\sc Ptop}} \Rightarrow t$
- $\Ptruth \Rightarrow t$
- ullet \APdown $\Rightarrow ar{d}$
- ullet \APqd \Rightarrow $ar{d}$
- $\land APup \Rightarrow \bar{u}$

- ullet \APqu \Rightarrow $ar{u}$
- ullet \APstrange \Rightarrow $ar{s}$
- $\land APqs \Rightarrow \bar{s}$
- $\APcharm \Rightarrow \bar{c}$
- $\APqc \Rightarrow \bar{c}$
- $\APbottom \Rightarrow \bar{b}$
- ullet \APbeauty \Rightarrow $ar{b}$
- $\land APqb \Rightarrow \bar{b}$
- $\APtop \Rightarrow t$
- $\APtruth \Rightarrow t$
- $\APqt \Rightarrow t$
- $\proton \Rightarrow p$
- \Pneutron $\Rightarrow n$
- ullet \APproton \Rightarrow $ar{p}$
- $\land APneutron \Rightarrow \bar{n}$
- \Pchic $\Rightarrow \chi_c$
- \PDelta $\Rightarrow E^0$

- \PLambdac $\Rightarrow \Lambda_c^+$
- \POmega $\Rightarrow \Omega$
- \POmegapm $\Rightarrow \Omega^{\pm}$
- \POmegamp $\Rightarrow \Omega^{\mp}$

- \POmegaplus $\Rightarrow \Omega^+$
- \POmegaminus $\Rightarrow \Omega^-$
- ullet \APOmega $\Rightarrow ar{\Omega}$
- \APOmegaplus $\Rightarrow \bar{\Omega}^+$
- \APOmegaminus $\Rightarrow \overline{\Omega}^-$
- ullet \PSigma $\Rightarrow \Sigma$
- \PSigmapm $\Rightarrow \Sigma^{\pm}$
- \bullet \PSigmamp $\Rightarrow \Sigma^{\mp}$
- \bullet \PSigmaminus \Rightarrow Σ^-
- \PSigmaplus $\Rightarrow \Sigma^+$
- \PSigmazero $\Rightarrow \Sigma^0$
- $\bullet \ \backslash \textit{PSigmac} \Rightarrow \Sigma_c$
- ullet \APSigmaminus \Rightarrow $ar{\Sigma}^-$
- \APSigmaplus $\Rightarrow \bar{\Sigma}^+$
- ullet \APSigmazero $\Rightarrow ar{\Sigma}^0$
- \APSigmac $\Rightarrow \bar{\Sigma_c}$
- \PUpsilon $\Rightarrow \Upsilon$
- \PUpsilonOneS $\Rightarrow \Upsilon(1S)$
- \PUpsilonTwoS $\Rightarrow \Upsilon(2S)$
- \PUpsilonThreeS $\Rightarrow \Upsilon(3S)$
- \PUpsilonFourS $\Rightarrow \Upsilon(4S)$
- $\propty PXi \Rightarrow \Xi$
- \PXiplus $\Rightarrow \Xi^+$

- \PXiminus $\Rightarrow \Xi^-$
- \PXizero $\Rightarrow \Xi^0$
- $\land APXiplus \Rightarrow \bar{\Xi}^+$
- \APXiminus $\Rightarrow \bar{\Xi}^-$
- \APXizero $\Rightarrow \bar{\Xi}^0$
- \PXicplus $\Rightarrow \Xi_c^+$
- ullet \PXiczero $\Rightarrow \Xi_c^0$
- $\propty Pphi \Rightarrow \phi$
- \Peta $\Rightarrow \eta$
- \Petaprime $\Rightarrow \eta'$
- \Petac $\Rightarrow \eta_c$
- \Pomega $\Rightarrow \omega$
- $Ppi \Rightarrow \pi$
- \Ppipm $\Rightarrow \pi^{\pm}$
- \Ppiplus $\Rightarrow \pi^+$
- \Ppiminus $\Rightarrow \pi^-$
- \Ppizero $\Rightarrow \pi^0$
- $\Prho \Rightarrow \rho$
- \Prhoplus $\Rightarrow \rho^+$
- \Prhominus $\Rightarrow \rho^-$
- \Prhopm $\Rightarrow \rho^{\pm}$
- $\bullet \ \ {} \backslash \textit{Prhomp} \, \Rightarrow \, \rho^{\mp}$
- \Prhozero $\Rightarrow \rho^0$

- \bullet \PJpsi \Rightarrow J/ψ
- \PJpsiOneS \Rightarrow $J/\psi(1S)$
- \Ppsi $\Rightarrow \psi$
- \PpsiTwoS $\Rightarrow \psi(2S)$
- $\bullet \ \ \ \ \ \ \ D^{\pm}$
- ullet \PDmp \Rightarrow D^{\mp}
- \PDzero $\Rightarrow D^0$
- ullet \PDminus $\Rightarrow D^-$
- \PDplus $\Rightarrow D^+$
- ullet \PDstar $\Rightarrow D^*$
- ullet \APD \Rightarrow $ar{D}$
- ullet \APDzero $\Rightarrow ar{D}^0$
- ullet \PDs \Rightarrow D_s
- ullet \PDsminus $\Rightarrow D_s^-$
- ullet \PDsplus \Rightarrow D_s^+
- ullet \PDspm \Rightarrow D_s^{\pm}
- ullet \PDsmp $\Rightarrow D_s^{\mp}$
- ullet \PDsstar \Rightarrow D_s^*
- ullet \PHiggsheavy \Rightarrow H
- $\PHiggslight \Rightarrow h$
- \PHiqqsheavyzero $\Rightarrow H^0$

- \PHiggslightzero $\Rightarrow h^0$
- $\PHiggsps \Rightarrow A$
- \PHiqqspszero $\Rightarrow A^0$
- \bullet \PHiggsplus \Rightarrow H^+
- \bullet \PHiggsminus \Rightarrow H^-
- \PHiggspm \Rightarrow H^{\pm}
- ullet \PHiggsmp \Rightarrow H^{\mp}
- ullet \PHiggszero $\Rightarrow H^0$
- ullet \PSHiggs $\Rightarrow \widetilde{H}$
- ullet \PSHiggsino $\Rightarrow \widetilde{H}$
- ullet \PSHiggsplus $\Rightarrow \widetilde{H}^+$
- ullet \PSHiggsinoplus $\Rightarrow \widetilde{H}^+$
- ullet \PSHiggsminus $\Rightarrow \widetilde{H}^-$
- ullet \PSHiggsinominus \Rightarrow \widetilde{H}^-
- ullet \PSHiggspm $\Rightarrow \widetilde{H}^{\pm}$
- ullet \PSHiggsinopm $\Rightarrow \widetilde{m{H}}^{\pm}$
- ullet \PSHiggsmp $\Rightarrow \widetilde{H}^{\mp}$
- ullet \PSHiggsinomp $\Rightarrow \widetilde{H}^{\mp}$
- ullet \PSHiggszero $\Rightarrow \widetilde{H}^0$
- ullet \PSHiggsinozero \Rightarrow \widetilde{H}^0
- \bullet bino
- $ullet \ bino \ lacksquare eta Bino \Rightarrow \widetilde{B}$
- ullet \PSW \Rightarrow \widetilde{W}

- $\quad \bullet \ \ \backslash \textit{PSWplus} \, \Rightarrow \, \widetilde{W}^+$
- ullet \PSWminus \Rightarrow \widetilde{W}^-
- ullet \PSWpm $\Rightarrow \widetilde{W}^{\pm}$
- $\bullet \ \ {} \backslash \mathit{PSWmp} \ \Rightarrow \ \widetilde{W}^{\mp}$
- ullet \PSWino $\Rightarrow \widetilde{W}$
- ullet \PSWinopm $\Rightarrow \widetilde{W}^{\pm}$
- ullet \PSWinomp \Rightarrow \widetilde{W}^{\mp}
- ullet \PSZ \Rightarrow \widetilde{Z}
- ullet \PSZzero \Rightarrow \widetilde{Z}^0
- \PSe $\Rightarrow \widetilde{e}$
- ullet photino $\begin{picture}(1,0) \put(0,0){\line(0,0){100}} \put(0$
- photino $\PSphotino \Rightarrow \widetilde{\gamma}$
- photino $\land Pphotino \Rightarrow \widetilde{\gamma}$
- smuon $\c PSmu \Rightarrow \widetilde{\mu}$
- sneutrino\\PSnu \Rightarrow \vec{\nu}
- stau $\PStau \Rightarrow \widetilde{\tau}$
- neutralino/chargino $\c Nesino \Rightarrow \widetilde{\chi}$
- $\begin{array}{c} \bullet \ \ neutralino/chargino \\ \verb|\| PSgaugino \Rightarrow \widetilde{\chi} \end{array}$

- chargino pm $\label{eq:pscharginopm} \ \, \backslash {\it PScharginopm} \Rightarrow \, \widetilde{\chi}^{\pm}$
- chargino mp $\parbox{$\backslash$PScharginomp$} \Rightarrow \widetilde{\chi}^{\mp}$
- neutralino\PSneutralino $\Rightarrow \widetilde{\chi}^0$
- next-to-lightest neutralino $\c PSneutralinoTwo \Rightarrow \widetilde{\chi}_2^0$
- gluino\\PSgluino \Rightarrow \widetilde{g}
- $\begin{array}{c} \bullet \ \ slepton \\ \land \textit{PSlepton} \Rightarrow \ \widetilde{\ell} \end{array}$
- slepton $\land PSslepton \Rightarrow \widetilde{\ell}$

- $ullet \ anti-slepton \ ackslash \ APslepton \Rightarrow ar{\widetilde{\ell}}$
- $\protect\ PSq \Rightarrow \widetilde{q}$
- \Psquark $\Rightarrow \widetilde{q}$
- ullet \APSq \Rightarrow $ar{\widetilde{q}}$
- ullet \APsquark \Rightarrow $ar{ ilde{q}}$
- ullet \PSdown \Rightarrow \widetilde{d}

- ullet \PSup \Rightarrow \widetilde{u}
- \PSstrange $\Rightarrow \widetilde{s}$
- \PScharm $\Rightarrow \tilde{c}$
- ullet \PSbottom $\Rightarrow \widetilde{b}$
- ullet \PStop $\Rightarrow \widetilde{t}$
- ullet \PASdown \Rightarrow $ar{ ilde{d}}$
- ullet \PASup \Rightarrow $ar{ ilde{u}}$

- ullet \PASstrange $\Rightarrow ar{\hat{s}}$
- \PAScharm $\Rightarrow \bar{\widetilde{c}}$
- ullet \PASbottom $\Rightarrow ar{ ilde{b}}$
- ullet \PAStop $\Rightarrow ilde{ ilde{t}}$
- \eplus $\Rightarrow e^+$
- ullet \eminus $\Rightarrow e^-$