Possibilities of Observation of $a_0 - f_0$ Mixing in the $\vec{p}n \rightarrow da_0$ Reaction near Threshold

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It is shown that, if isospin is not conserved, angular asymmetry arises in the reaction $pn \rightarrow da_0 \rightarrow d\eta\pi^0$. This asymmetry is due to $a_0 - f_0$ mixing and the effect is strongly increases near the reaction threshold. The expected forward-backward asymmetry should be at level 8-15%. Possibility to observe angular asymmetry parameter with perpendicular polarized proton beam is also discussed. It is expected to be not small and to depend on azimuthal angle of outgoing a_0-meson in CM reaction. Careful study of angular asymmetry parameter for both reactions $pp \rightarrow d\pi^+\eta$ and $pn \rightarrow d\pi^0\eta$ gives possibility to separate not resonance background effects for these reactions and to obtain the unique information on isospin violation $a_0 - f_0$ mixing amplitudes.