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-- booleanAx . txt
formula_list(usable)  -- two of Huntington's axioms ( 1933 )
-- for Boolean algebras
  [∀x, ∀y | xUy=yUx]    -- BI
  [∀x, ∀y, ∀z | xU(yUz)=(xUy)Uz]  -- BII
end_of_list
formula_list(usable)  -- third and last Huntington's axiom
  [∀x, ∀y |  $\overline{xUy}U\overline{xUy}=x$ ]  -- BIII
end_of_list
-- 3robbinsAx . txt
formula_list(usable)  -- Robbins' variant of the third Huntington axiom
  [∀x, ∀y |  $\overline{\overline{xUy}U\overline{xUy}}=x$ ]  -- BIII'
end_of_list
-- peirceanAx0 . txt
formula_list(usable)
  [∀x, ∀y, ∀z | xo(yoz)=(xoy)oz]  -- BIV
  [∀x |  $x\overline{\overline{x}}=x$ ]  -- BVII
  [∀x, ∀y |  $(xUy)\overline{\overline{xUy}}=x\overline{\overline{x}}Uy\overline{\overline{y}}$ ]  -- BVIII
  [∀x, ∀y |  $(xoy)\overline{\overline{xoy}}=y\overline{\overline{y}}ox\overline{\overline{x}}$ ]  -- BIX
end_of_list

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-- peirceanAx1 . txt
formula_list(usable)
  [∀x, ∀y, ∀z | (x∪y)oz=xoz∪yoz] -- BV
end_of_list

-- peirceanAx2 . txt
formula_list(usable)
  [∀x | xοι=x] -- BVI
  [∀x, ∀y | x~οxοy∪y=y] -- BX
end_of_list

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-- simplicityAx . txt
formula_list(usable)  -- simplicity axiom
    -- inessential, unused, possibly useful in some cases
    [ $\forall x \mid x = \emptyset \vee \mathbf{1} \circ x \circ \mathbf{1} = \mathbf{1}$ ]
end_of_list
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