

Beresford N.A., Yankovich, T.L., Wood, M.D., Fesenko, S., Andersson, P., Muikku, M., Willey, N.J. SUBMITTED. A new approach to predicting environmental transfer of radionuclides to wildlife taking account of inter-site variation using Residual Maximum Likelihood mixed-model regression: a demonstration for freshwater fish and caesium *Science of the Total Environment*

Beresford, N.A., Vives I Batlle, J. SUBMITTED. Estimating the biological half-life for radionuclides in homoeothermic vertebrates: A simplified allometric approach. *Rad. Environ. Biophys.*

Copplestone, D., Beresford, N.A., Brown, J., Yankovich, T. IN PRESS. An international database of radionuclide Concentration Ratios for wildlife: development and uses. *J. Environ. Radioact.*

Hosseini, A., Stenberg, K., Avila, R., Beresford, N.A. & Brown, J.E. IN PRESS. Application of the Bayesian approach for derivation of PDFs for concentration ratio values. *J. Environ. Radioact.*
<http://dx.doi.org/10.1016/j.jenvrad.2013.04.007>

Howard, B.J., Beresford, N.A., Wells, C., Copplestone, D. IN PRESS. Exploring methods to prioritise concentration ratios when estimating weighted absorbed dose rates to terrestrial Reference Animals and Plants. *J. Environ. Radioact.*

Keum, D-K., Jun, I., Lim, K-M, Choi, Y-H., Howard, B.J. IN PRESS. Time dependent transfer of ¹³⁷Cs, ⁸⁵Sr and ⁶⁵Zn to earthworms in highly contaminated soils. *J. Environ. Radioact.*
<http://dx.doi.org/10.1016/j.jenvrad.2012.07.017>

Psaltaki, M., Brown, J.E, Howard, B.J. IN PRESS. CRwo-water values for the marine environment: analysis, applications and comparisons. *J. Environ. Radioact.*
<http://dx.doi.org/10.1016/j.jenvrad.2012.07.001>

Yankovich, T., Beresford, N.A., Fesenko S., Fesenko, J., Phaneuf, M., Dagher, E., Outola, I., Andersson, P., Thiessen, K., Ryan, J., Wood, M.D., Bollhöfer, A., Barnett, C.L., Copplestone, D. IN PRESS. Establishing a database of radionuclide transfer parameters for freshwater wildlife. *J. Environ. Radioact.* <http://dx.doi.org/10.1016/j.jenvrad.2012.07.014>

Yankovitch, T., Beresford, N.A., Wood, M.D., Sharp, K.J., Benz, M.L., Carr, J. & Killey, R.W.D. IN PRESS. Do Site-specific Radiocarbon Measurements Reflect Localized Distributions of ¹⁴C in Biota Inhabiting a Wetland with Point Contamination Sources? *J. Environ. Radioact.*

Howard, B.J., Beresford, N.A., Copplestone, D., Telleria, D., Proehl, G., Fesenko, S., Jeffree, R., Yankovich, T., Brown, J., Higley, K., Johansen, M., Mulye, H., Vandenhove, H., Gashchak, S., Wood, M.D., Takata, H., Andersson, P., Dale, P., Ryan, J., Bollhöfer, A., Doering, C., Barnett, C.L., and Wells, C. 2013. The IAEA Handbook on Radionuclide Transfer to Wildlife. *J. Environ. Radioact.* 121, 55–74
<http://dx.doi.org/10.1016/j.jenvrad.2012.01.027>

Beresford, N.A., Adam-Guillermin, C., Bonzom, J.-M., Garnier-Laplace, J., Hinton, T., Lecomte, C., Copplestone, D. 2012. Comment on “Abundance of birds in Fukushima as judged from Chernobyl” by Møller et al. (2012). *Environmental Pollution* 169, 136. <http://dx.doi:10.1016/j.envpol.2012.05.011>

Beresford, N.A., Adam-Guillermin, C., Bonzom, J.-M., Garnier-Laplace, J., Hinton, T., Lecomte, C., Copplestone, D., Della Vedova, C., Ritz, C. 2012. Response to authors’ reply regarding “Abundance

of birds in Fukushima as judged from Chernobyl" by Møller et al. (2012). *Environmental Pollution* 169, 139-140. <http://dx.doi.org/10.1016/j.envpol.2012.05.013>

Beresford, N.A., Barnett, C.L., Vives i Batlle, J., Potter, E.D., Ibrahimi, Z.-F., Barlow, T.S., Schieb, C., Jones, D.G., Copplestone, D. 2012. Exposure of burrowing mammals to ²²²Rn. *Science of the Total Environment*. 431, 252-261. <http://dx.doi.org/10.1016/j.scitotenv.2012.05.023>

Johansen, M.P., Barnett, C.L., Beresford N.A., Brown, J.E., Cerne, M., Howard, B.J., Kamboj, S., Keum, D.-K., Smodiš, B., Twining, J.R., Vandenhove, H., Vives i Batlle, J., Wood, M.D., Yu, C. 2012. Assessing doses to terrestrial wildlife at a radioactive waste disposal site: inter-comparison of modelling approaches. *Science of the Total Environment*. 427-428, 238-246. <http://dx.doi.org/10.1016/j.scitotenv.2012.04.031>

Barnett, C.L., Howard B.J., Oughton, D.H., Coutris, C., Potter, E.D., Franklin, T., Walker L.A., Wells, C. 2011. Transfer of elements to owls (*tyto alba*, *strix aluco*) determined using neutron activation and gamma analysis. (Eds. Strand, P., Brown, J., Jolle, T.) Extended abstract. Oral and oral poster proceedings. *Radioprotection*, 46, 6, S79-S84. <http://dx.doi.org/10.1051/radiopro/20116703s>

Beresford, N.A., Copplestone, D. 2011. Effects of Ionizing Radiation on Wildlife: What Knowledge Have We Gained Between the Chernobyl and Fukushima Accidents? *Integer. Environ. Assess. Manag.*, 7, 371–37. <http://dx.doi.org/10.1002/ieam.238>

Nedveckaite, T., Filistovic, V., Marciulioniene, D., Prokoptchuk, N., Plukiene, R., Gudelis, A., Remeikis, V., Yankovich, T., Beresford, N.A. 2011. Background and anthropogenic radionuclide derived dose rates to freshwater ecosystem - Nuclear power plant cooling pond - Reference organisms. *J. Environ. Radioact.*, 102, 788-795. <http://dx.doi.org/10.1016/j.jenvrad.2011.04.012>

Vives i Batlle, J., Beaugelin-Seiller, K., Beresford, N.A., Copplestone, D., Horyna, J., Hosseini, A., Johansen, M., Kamboj, S., Keum, D.-K., Kurosawa, N., Newsome, L., Olyslaegers, G., Vandenhove, H., Ryufuku, S., Vives Lynch, S., Wood, M.D., Yu, C. 2011. The estimation of absorbed dose rates for non-human biota: an extended intercomparison. *Radiat. Environ. Biophys.*, 50, 231–251. <http://dx.doi.org/10.1007/s00411-010-0346-5>

Wood, M.D., Beresford, N.A., Yankovich, T.L., Semenov, D.V., Copplestone, D. 2011. Addressing current knowledge gaps on radionuclide transfer to reptiles. *Radioprotection*, 46, 6, S521-S527. <http://dx.doi.org/10.1051/radiopro/20116792s>

Beresford N.A. 2010. The transfer of radionuclides to wildlife (Editorial). *Radiation Environ Biophys.*, 49, (4), 505-508. <http://dx.doi.org/10.1007/s00411-010-0325-x>

Beresford, N. A., Hosseini, A., Brown, J. E., Cailles, C., Beaugelin-Seiller, K., Barnett, C. L., Copplestone, D. 2010. Assessment of risk to wildlife from ionising radiation: can initial screening tiers be used with a high level of confidence? *J. Radiol. Prot.*, 30, 265-284. <http://dx.doi.org/10.1088/0952-4746/30/2/S04>

Beresford, N.A., Barnett, C.L., Brown, J.E., Cheng, J.-J., Copplestone, D., Gaschak, S., Hosseini, A., Howard, B.J., Kamboj, S., Nedveckaite, T., Olyslaegers, G., Smith, J.T., Vives i Batlle, J., Vives-Lynch, S., Yu, C. 2010. Predicting the radiation exposure of terrestrial wildlife in the Chernobyl exclusion

zone: an international comparison of approaches. *J. Radiol. Prot.*, 30 , 341-373.

<http://dx.doi.org/10.1088/0952-4746/30/2/S07>

Copplestone, D., Brown, J.E., Beresford, N. A. 2010. Considerations for the integration of human and wildlife radiological assessments. *J. Radiol. Prot.*, 30 , 283-297 <http://dx.doi.org/10.1088/0952-4746/30/2/S05>

Dragovića, S., Howard, B.J., Caborn, J.A., Barnett, C.L., Mihailovića. N. 2010. Transfer of natural and anthropogenic radionuclides to ants, bryophytes and lichen in a semi-natural ecosystem. *Environ. Monit. Assess.*, 166, (1-4), 677-686. <http://dx.doi.org/10.1007/s10661-009-1032-4>

Garnier-Laplace, J., Della-Vedova, C., Andersson, P., Copplestone, D., Cailles, C., Beresford, N.A., Howard, B.J., Howe, P., Whitehouse, P. 2010. A multi-criteria weight of evidence approach for deriving ecological benchmarks for radioactive substances. *J. Radiol. Prot.*, 30, 215-233. <http://dx.doi.org/10.1088/0952-4746/30/2/S02>

Gaschak, S., Beresford N.A., Maksimenko A., Vlaschenko A.S. 2010. Strontium-90 and caesium-137 activity concentrations in bats in the Chernobyl exclusion zone. *Radiation Environ Biophys.*, 49, (4), 635-644. <http://dx.doi.org/10.1007/s00411-010-0322-0>

Hosseini, A., Beresford N.A., Brown, J.E., Jones, D.G., Phaneuf, M., Thørring H., Yankovich, T. 2010. Background dose-rates to reference animals and plants arising from exposure to naturally occurring radionuclides in aquatic environments *J. Radiol. Prot.*, 30 , 235-264. <http://dx.doi.org/10.1088/0952-4746/30/2/S03>

Howard, B.J., Beresford, N.A., Andersson, P., Brown, J.E., Copplestone, D., Beaugelin-Seiller, K., Garnier-Laplace, J., Howe, P., Oughton, D., Whitehouse, P. 2010. Protection of the environment from ionising radiation in a regulatory context – an overview of the PROTECT coordinated action project. *J. Radiol. Prot.*, 30 , 195-214. <http://dx.doi.org/10.1088/0952-4746/30/2/S01>

Wood M.D., Beresford N.A., Semenov D.V., Yankovich T.L., Copplestone D. 2010. Radionuclide transfer to reptiles. *Radiation Environ Biophys.*, 49, (4), 509-530. <http://dx.doi.org/10.1007/s00411-010-0321-1>

Yankovich, T.L., Beresford, N.A., Wood, M., Aono, T., Andersson, P., Barnett, C.L., Bennett, P., Brown, J., Fesenko, S., Hosseini, A., Howard, B.J., Johansen, M., Phaneuf, M., Tagami, K., Takata, H., Twining, J., Uchida, S. 2010. Whole-body to tissue concentration ratios for use in biota dose assessments for animals. *Radiation Environ Biophys.*, 49, (4), 549-565. <http://dx.doi.org/10.1007/s00411-010-0323-z>

Yankovich, T.L., Vives i Batlle, J., Vives-Lynch, S., Beresford, N.A., Barnett, C.L., Beaugelin-Seiller, K., Brown, J.E., Cheng, J-J., Copplestone, D., Heling, R., Hosseini, A., Howard, B.J., Kamboj, S., Kryshev, A.I., Nedveckaite, T., Smith, J.T., Wood, M.D. 2010. An International model validation exercise on radionuclide transfer and doses to freshwater biota. *J. Radiol. Prot.*, 30 , 299-340. <http://dx.doi.org/10.1088/0952-4746/30/2/S06>

Andersson, P., Garnier-Laplace, J., Beresford, N.A., Copplestone, D., Howard, B.J., Howe, P., Oughton, D., Whitehouse, P. 2009. Protection of the environment from ionising radiation in a regulatory

context (PROTECT): proposed numerical benchmark values. *J. Environ. Radioact.* 100, 1100-1108.
<http://dx.doi.org/10.1016/j.jenvrad.2009.05.010>

Barnett, C.L., Gaschak, S., Beresford, N.A., Howard, B.J., Maksimenko, A. 2009. Radionuclide activity concentrations in two species of reptiles from the Chernobyl exclusion zone. *Radioprotection*, 44, 5, 537–542. <http://dx.doi.org/10.1051/radiopro/20095099>

Beresford, N.A., Barnett, C.L., Beaugelin-Seiller, K., Brown, J.E., Cheng, J-J., Copplestone, D., Gaschak, S., Hingston, J.L., Horyna, J., Hosseini, A., Howard, B.J., Kamboj, S., Kryshev, A., Nedveckaite, T., Olyslaegers, G., Sazykina, T., Smith, J.T., Telleria, D., Vives i Batlle, J., Yankovich, T.L., Helling, R., Wood, M.D., Yu, C. 2009. Findings and recommendations from an international comparison of models and approaches for the estimation of radiological exposure to non-human biota. *Radioprotection* 44, 5, 565–570. <http://dx.doi.org/10.1051/radiopro/20095104>

Beresford, N.A., Beaugelin-Seiller, K., Brown, J.E., Copplestone, D., Hosseini, A., Andersson, P., Howard B.J. 2009. Protection of the environment from ionising radiation in a regulatory context (PROTECT): assessment approaches - practicality, relevance and merits. *Radioprotection* 44, 5, 623-628. <http://dx.doi.org/10.1051/radiopro/20095115>

Copplestone, D., Andersson, P., Beresford, N.A., Brown, J., Dysvik, S., Garnier-Laplace, J., Hingston, J., Howard, B.J., Oughton, D., Whitehouse P. 2009. Protection of the environment from ionising radiation in a regulatory context (PROTECT): Review of current regulatory approaches to both chemicals and radioactive substances. *Radioprotection* 44, 5, 881-886.
<http://dx.doi.org/10.1051/radiopro/20095157>

Galeriu, D., Melintescu, A., Beresford, N.A., Takeda, H., Crout, N.M.J. 2009. The dynamic Transfer of ³H and ¹⁴C in Mammals: A Proposed generic model. *Radiat. Environ. Biophys.*, 48, 29–45.
<http://dx.doi.org/10.1007/s00411-008-0193-9>

Jones, D.G., Appleton, J.D., Breward, N., Mackenzie, A.C., Scheib, C., Beresford, N. A., Barnett, C.L., Wood, M.D., Copplestone D. 2009. Assessment of naturally occurring radionuclides around England and Wales: application of the G-BASE dataset to estimate doses to non-human species. *Radioprotection* 44, 5, 629-634. <http://dx.doi.org/10.1051/radiopro/20095116>

Wood, M.D., Beresford, N.A., Barnett, C.L., Copplestone, D., Leah, R.T. 2009. Assessing radiation impact at a protected coastal sand dune site: An intercomparison of models for estimating the radiological exposure of non-human biota. *J. Environ. Radioact.* 100, 1034-1052.
<http://dx.doi.org/10.1016/j.jenvrad.2009.04.010>

Beresford, N.A., Balonov, M., Beaugelin-Seiller, K., Brown, J., Copplestone, D., Hingston, J.L., Horyna, J., Hosseini, A., Howard, B.J., Kamboj, S., Nedveckaite, T., Olyslaegers, G., Sazykina, T., Vives i Batlle, J., Yankovich, T.L., Yu. C. 2008. An international comparison of models and approaches for the estimation of the radiological exposure of non-human biota. *Applied Radiation and Isotopes*, 66, 1745-1749. <http://dx.doi.org/10.1016/j.apradiso.2008.04.009>

Beresford, N.A., Barnett, C.L., Brown, J., Cheng, J-J. Copplestone, D., Filistovic, V., Hosseini, A., Howard, B.J., Jones, S.R., Kamboj, S., Kryshev, A., Nedveckaite, T., Olyslaegers, G., Saxén, R., Sazykina, T., Vives i Batlle, J., Vives-Lynch, S., Yankovich, T. and Yu, C. 2008. Inter-comparison of

models to estimate radionuclide activity concentrations in non-human biota. *Radiat. Environ. Biophys.*, 47, 491–514. <http://dx.doi.org/10.1007/s00411-008-0186-8>

Beresford, N.A., Barnett, C.L., Howard, B.J., Scott, W.A., Brown, J.E., Copplestone D. 2008. Derivation of transfer parameters for use within the ERICA Tool and the default concentration ratios for terrestrial biota. *J. Environ. Radioact.*, 99, 1393-1407. <http://dx.doi.org/10.1016/j.jenvrad.2008.01.020>

Beresford, N.A., Barnett, C.L., Jones, D.G., Wood, M.D., Appleton, J.D., Breward, N., Copplestone D. 2008. Background exposure rates of terrestrial wildlife in England and Wales. *J. Environ. Radioact.*, 99, 1430-1439. <http://dx.doi.org/10.1016/j.jenvrad.2008.03.003>

Beresford, N.A., Gaschak, S., Barnett, C.L., Howard, B.J., Chizhevsky, I., Strømman, G., Oughton, D.H., Wright, S.M., Maksimenko, A., Copplestone D. 2008. Estimating the exposure of small mammals at three sites within the Chernobyl exclusion zone – a test application of the ERICA Tool. *J. Environ. Radioact.*, 99, 1496-1502. <http://dx.doi.org/10.1016/j.jenvrad.2008.03.002>

Mietelski, J.W., Olech, M.A., Sobiech-Matura, K., Howard, B.J., Gaca, P., Zwolak, M., Błażej, S., Tomankiewicz, E. 2008. ¹³⁷Cs, ⁴⁰K, ²³⁸Pu, ²³⁹+²⁴⁰Pu and ⁹⁰Sr in biological samples from King George Island (Southern Shetlands) in Antarctica. *Polar Biology*, 31, 1081-1089. <http://dx.doi.org/10.1007/s00300-008-0449-5>

McNamara, N.P. Griffiths, R.I. Tabournet, A., Beresford, N.A., Bailey, M. J., Whiteley, A.S. 2007. The sensitivity of a forest soil microbial community to acute gamma-irradiation. *Applied Soil Ecology*, 37, 1-9. <http://dx.doi.org/10.1016/j.apsoil.2007.03.011>

Vives i Batlle, J., Balonov, M., Beaugelin-Seiller, K., Beresford, N.A., Brown, J., Cheng, J-J., Copplestone, D., Doi, M., Filistovic, V., Golikov, V., Horyna, J., Hosseini, A., Howard, B.J., Jones, S.R., Kamboj, S., Kryshev, A., Nedveckaite, T., Olyslaegers, G., Pröhl, G., Sazykina, T., Ulanovsky, A., Vives Lynch, S., Yankovich, T. and Yu, C. 2007. Inter-comparison of absorbed dose rates for non-human biota. *Radiation Environment Biophysics*, 46, 349-373. <http://dx.doi.org/10.1007/s00411-007-0124-1>

Beresford, N.A., Wright, S.M., Barnett, C.L., Wood, M.D., Gaschak, S., Arkhipov, A., Sazykina, T.G., Avila, R. 2005. A case study in the Chernobyl zone – part 1: predicting radionuclide transfer to wildlife. *Radioprotection, Suppl. 1*, vol 40 S291-S297. <http://dx.doi.org/10.1051/radiopro:2005s1-044>

Beresford, N.A., Wright, S.M., Barnett, C.L., Wood, M.D., Gaschak, S., Arkhipov, A., Sazykina, T.G., Howard, B.J. 2005. Predicting radionuclide transfer to wild animals - an application of a proposed environmental impact assessment framework to the Chernobyl exclusion zone. *Radiat Environ Biophys* 44, 161-168. <http://dx.doi.org/10.1007/s00411-005-0018-z>

Copplestone, D., Wood, M.D., Merrill, P.C., Allott, R., Jones, S.R., Vives, J., Beresford, N.A. & Zinger, I. 2005. Impact Assessment of Ionising Radiation on Wildlife: meeting the requirements of the EU birds and habitat directives. *Radioprotection, Suppl. 1*, vol 40 S893-S898. <http://dx.doi.org/10.1051/radiopro:2005s1-131>

Galeriu, D., Melintescu, A., Beresford, N.A., Crout, N.M.J., Takeda, H. 2005. ^{14}C and tritium dynamics in wild mammals: A metabolic model. *Radioprotection, Suppl. 1*, vol. 40 S351-S357. <http://dx.doi.org/10.1051/radiopro:2005s1-052>

Ahman, B., Wright, S.M. & Howard, B.J. 2004. Radiocaesium in lynx in relation to ground deposition and diet. *Radiation & Environment Biophysics*, 43, 119-126. <http://dx.doi.org/10.1007/s00411-004-0242-y>

Avila, R., Beresford, N.A., Agüero A., Broed, R., Brown, J., Iospje, M., Robles, B. & Suañez, A. 2004. Study of the uncertainty in estimation of the exposure of non-human biota to ionizing radiation. *Journal of Radiological Protection*, 24, A105 – A122. <http://dx.doi.org/10.1088/0952-4746/24/4A/007>

Beresford, N.A., Broadley, M.R., Howard, B.J., Barnett C.L. & White P.J. 2004. Estimating radionuclide transfer to wild species - data requirements and availability for terrestrial ecosystems. *Journal of Radiological Protection*, 24, A89-A103. <http://dx.doi.org/10.1088/0952-4746/24/4A/006>

Galeriu, D., Beresford, N.A., Takeda, H., Melintescu, A. and Crout, N.M.J. 2003. Towards a model for the dynamic transfer of tritium and carbon in mammals. *Radiat. Prot. Dosim.* 105, 387-390. No doi

Smith, J.T., Cross, M.A. & Wright, S.M. 2002. Predicting transfers of ^{137}Cs in terrestrial and aquatic environments: A whole-ecosystem approach. *Radioprotection - colloques*, 37, C1, 37 – 42. No doi

Mcgee, E.J., Synnott, H.J., Johanson, K.J., Fawaris, B.H., Nielsen, S.P., Horrill, A.D., Kennedy, V.H., Barbayiannis, N., Veresoglou, D.S., Dawson, D.E., Colgan, P.A. & McGarry, A.T. 2000. Chernobyl fallout in a Swedish Spruce forest ecosystem. *Journal of Environmental Radioactivity*, 48, 59-78. [http://dx.doi.org/10.1016/S0265-931X\(99\)00057-0](http://dx.doi.org/10.1016/S0265-931X(99)00057-0)

Moss, R.W. & Horrill, A.D. 1996. Metabolism of Radiocaesium in Red Grouse *Journal of Environmental Radioactivity*, 33, 49-62. [http://dx.doi.org/10.1016/0265-931X\(95\)00072-I](http://dx.doi.org/10.1016/0265-931X(95)00072-I)

Crout, N.M.J., Beresford, N.A. & Howard, B.J. 1993. Does soil adhesion matter when predicting radiocaesium transfer to animals? *Journal of Environmental Radioactivity*, 20, 201-212. [http://dx.doi.org/10.1016/0265-931X\(93\)90010-5](http://dx.doi.org/10.1016/0265-931X(93)90010-5)

Lowe, V.W. 1991. Radionuclides and the birds at Ravensglass. *Environmental Pollution, Series.*, 70, 1-26. [http://dx.doi.org/10.1016/0269-7491\(91\)90128-J](http://dx.doi.org/10.1016/0269-7491(91)90128-J)

Lowe, V.W. & Horrill, A.D. 1991. Caesium concentration factors in wild herbivores and the fox (*Vulpes vulpes* L). *Environmental Pollution, Series B*, 70, 93-107. [http://dx.doi.org/10.1016/0269-7491\(91\)90082-8](http://dx.doi.org/10.1016/0269-7491(91)90082-8)

Anderson, S.S., Livens, F.R. & Singleton, D.L. 1990. Radionuclides in grey seals. *Marine Pollution Bulletin*, 21, 343-345. [http://dx.doi.org/10.1016/0025-326X\(90\)90796-B](http://dx.doi.org/10.1016/0025-326X(90)90796-B)

Lowe, V.W. & Horrill, A.D. 1988. Ecological Half Life of Caesium in Roe Deer (*Capreolus capreolus*). *Environmental Pollution, Series B*, 54, 81-87. [http://dx.doi.org/10.1016/0269-7491\(88\)90138-8](http://dx.doi.org/10.1016/0269-7491(88)90138-8)

Lowe, V.W. & Horrill, A.D. 1986. Transfer of Radionuclides to Man from Greylag Geese *Anser anser* and Wigeon *Anas penelope* Grazing the Saltmarshes at Ravenglass. *Journal of Environmental Radioactivity* 4, 101-121. [http://dx.doi.org/10.1016/0265-931X\(86\)90036-6](http://dx.doi.org/10.1016/0265-931X(86)90036-6)